

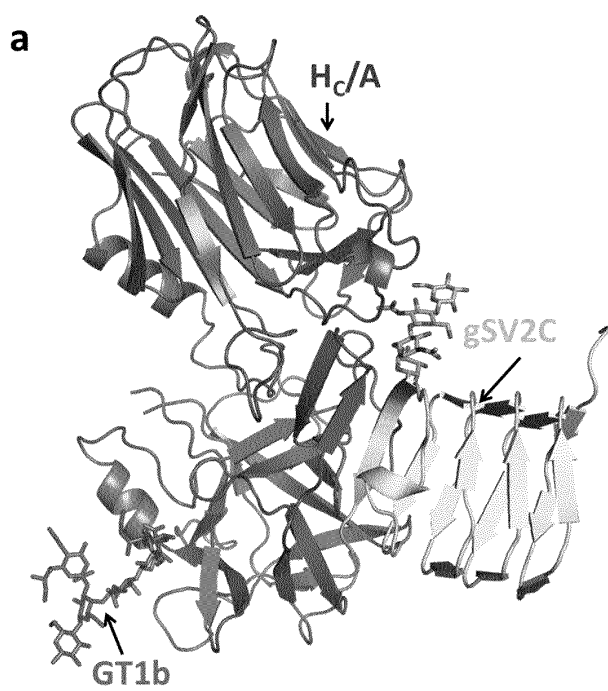


Fig. 1a

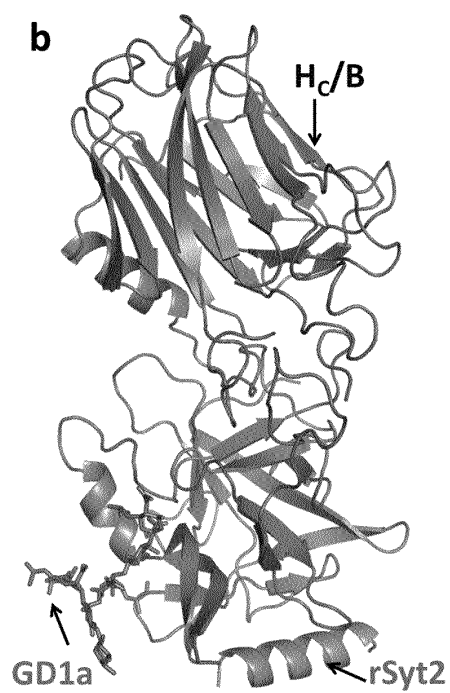


Fig. 1b

C

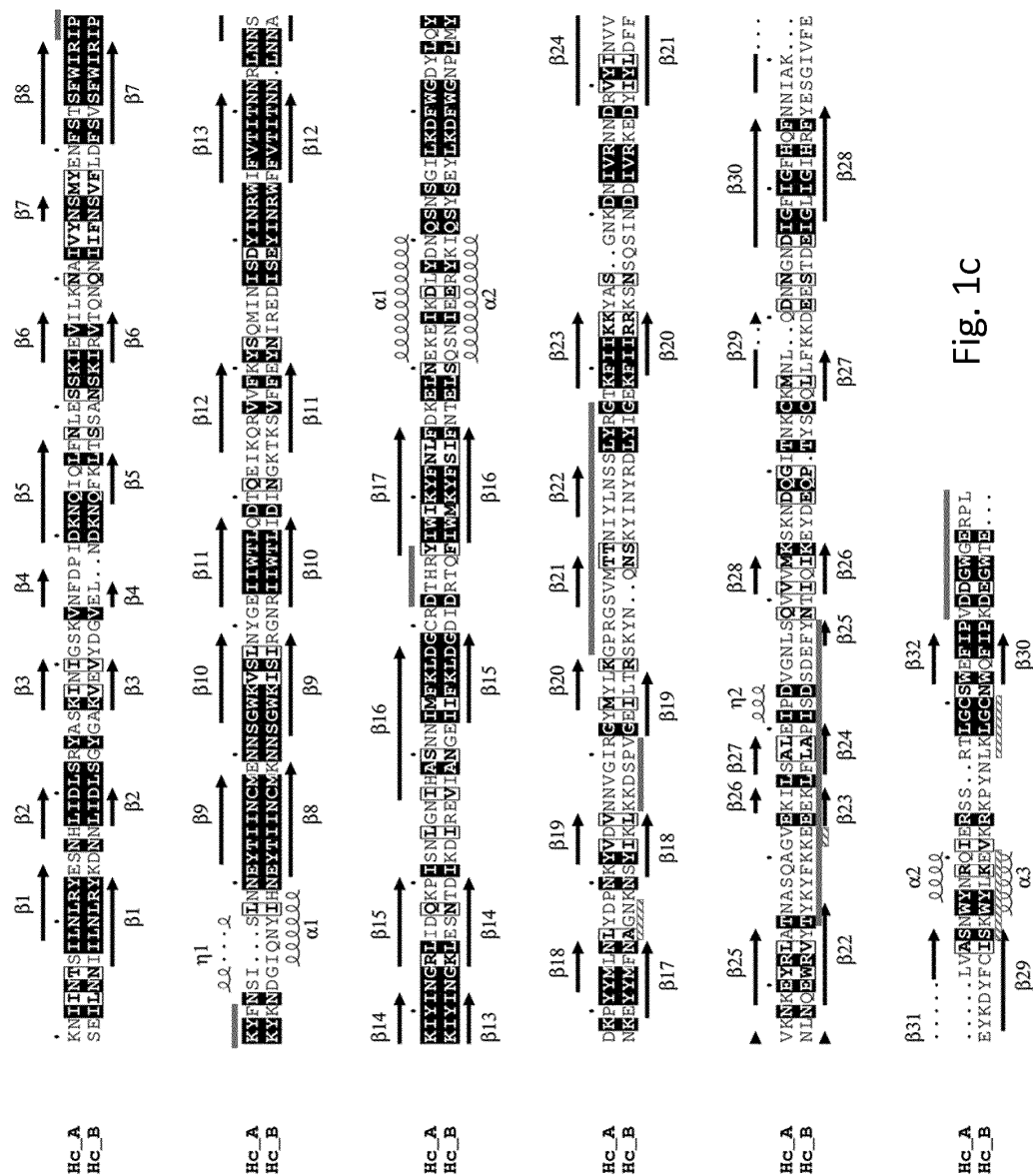


Fig. 1c

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KNIINTSILNRLRYESNHLIDLRSYASKINIGSKVNFDPIDKNOIQLFNLESSKIEVILKN
Hc_B SEILNNIILNRLRYKDNNLIDLSCYGAKVEVDGVEL--NDKNQPKLTSSANSKIRVTQNO
Hc_TAB KNIINTSILNRLRYESNHLIDLRSYASKINIGSKVNFDPIDKNOIQLFNLESSKIEVILKN
      .:::.* *****.:::***** *.:*::. *:: *****:*. .***.* ::

Hc_A AIVYNSMYENFSTSFWIRIPKYFNSI---SLNNEYTIINCMMENNSGWKVSILNYGEIITWL
Hc_B NIIFNSVFLDFSVSFWIRIPKYKNDGIONYIHNEYTIINCMMKNSGWKISIRGNRIIWTI
Hc_TAB AIVYNSMYENFSTSFWIRIPKYFNSI---SLNNEYTIINCMMENNSGWKVSILNYGEIITWL
      *:::.* :**.****** * .:*****:*****:*. .***** ::

Hc_A QDTQEIQRVVPFKYSOMINISDYINRWIFVTITNNRLNNSKIYINGRLIDQKPISNLGN
Hc_B IDINGKTSVFFEYNIREDISEYNRWFVTITNN-LNNAKIYINGKLESNTDIKDIREV
Hc_TAB QDTQEIQRVVPFKYSOMINISDYINRWIFVTITNNRLNNSKIYINGRLIDQKPISNLGN
      * .: .: *.*:.* .:::*****:***** *****:*****:* .:. *.: ::

Hc_A HASNNIMFKLDGCRDTHRYIWIKYFNLFDKELNEKEIKDLYDNQNSGILKDFWGDYLOY
Hc_B IANGEIIFKLDGDDIRDTOFIWMKYFSIFNTELSOSNIEERYKIOSYSEYLKDFWGNPLMY
Hc_TAB HASNNIMFKLDGCRDTHRYIWIKYFNLFDKELNEKEIKDLYDNQNSGILKDFWGDYLOY
      *..:***** * :***:***.:*:.*.:*:.* * . ** *****: *

Hc_A DKPYMYMLNLYDPNKYVDVNVVGIRGYMYLKGRGSMVMTTNIYLNSSSLYRGTKFIKKYAS
Hc_B NKEYYMFNAGNKNSYIKLKKDSPVGEILTRSKYN--QNSKYINRDLYIGEKFIRRKSN
Hc_TAB DKPYMYMFNAGNKNSYIKLKKDSPVGEIL GPRGSMVMTTNIYLNSSSLYRGTKFIKKYAS
      :* ***:* : *.*:.*::: * . . .: .** * *****: .:

Hc_A --GNKDNIVRNNDRVYINVVVKNKEYRLATNASQAGVEKILSALEIPDVGNLSQVVMKMS
Hc_B SOSINDDIVRKEDIYILDFFNLNOEWRVYTYKYFKKEEEKLFLAPISDSDEFYNTIQIKE
Hc_TAB SOSINDDIVRNEDIYILDFFNLNOEWRVYTYKYFKKEEEKLFLAPISDSDEFYNTIQIKE
      . :*****:* :*::.. *::*: * *:* * * .: .: .: .:

Hc_A KNDQGITNKCKMNL--QDNNGNDIGFIGFHQFNNAK-----LVASNWYNRQIERSS
Hc_B YDEQP-TYSCOLLPKKDEESTDEIGLIGIHRFYESGIVFEEYKDYFCISKWYLKEVKKRP
Hc_TAB YDEGCTN-SCOLLPKKDEESTDEIGLIGIHRFYESGIVFEEYKDYFCISKWYLKEVKKRP
      ::* * .*:.* : .: .: *****:* . : *:* :*:.*

Hc_A --RTLGCSEWFIIPVDDGWERPL
Hc_B YNLKLGCMNQWIFPKDEGWTE---
Hc_TAB YNLKLGCMNQWIFIPVDDGWERPL
      .***.****** **

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Fig. 2

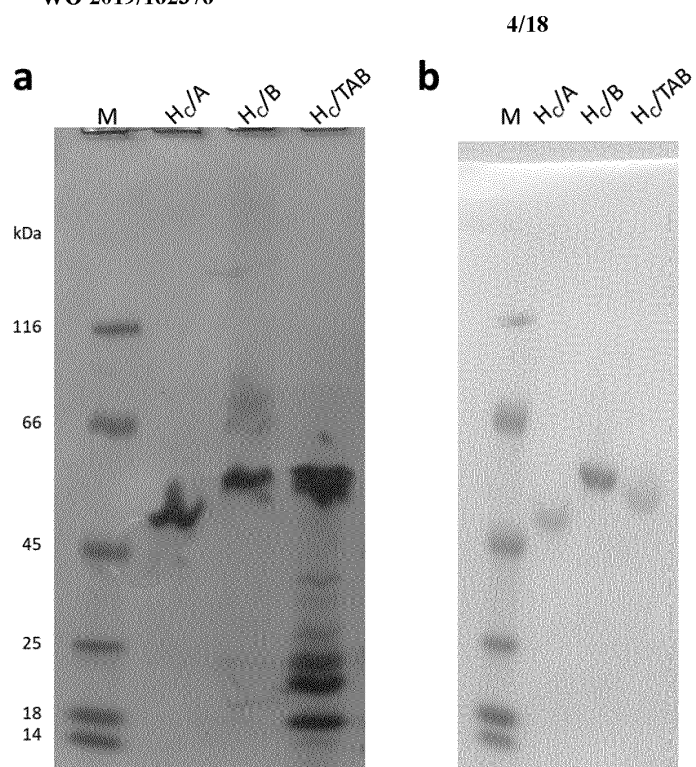


Fig. 3

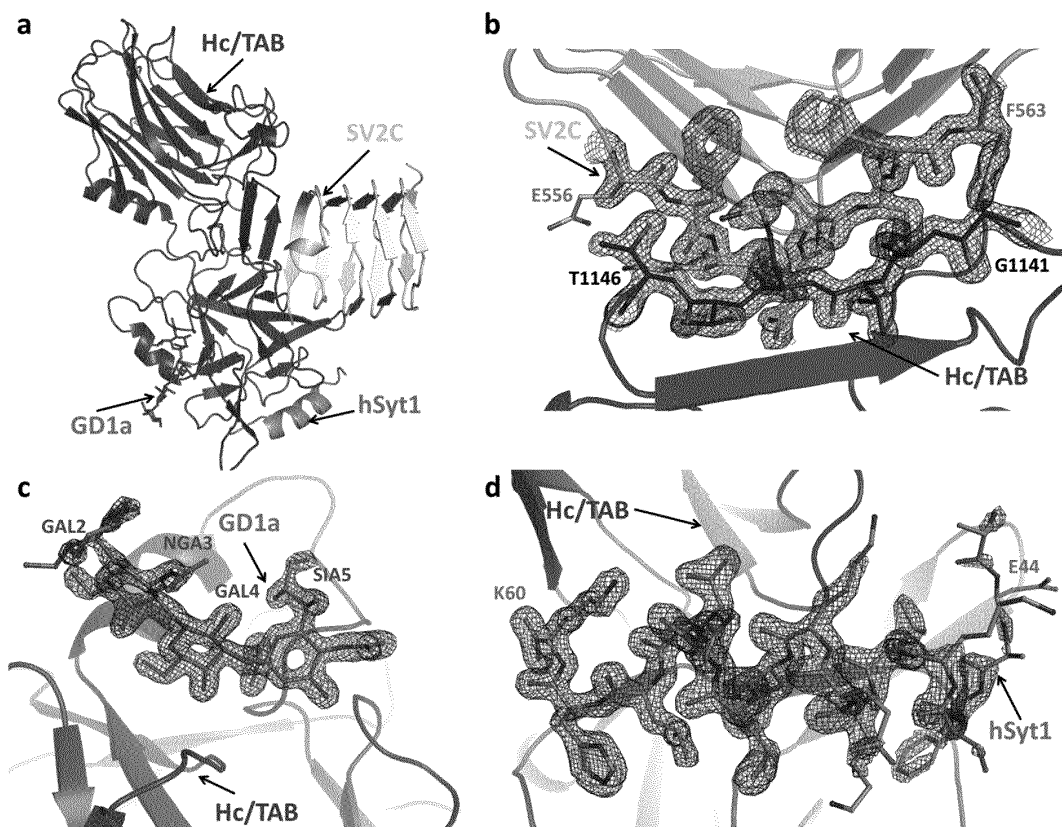


Fig. 4

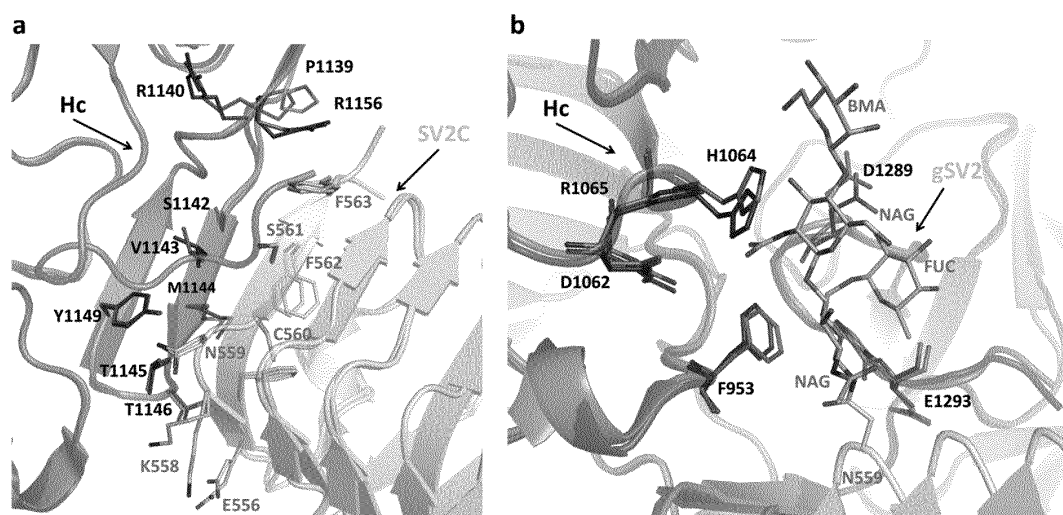


Fig. 5

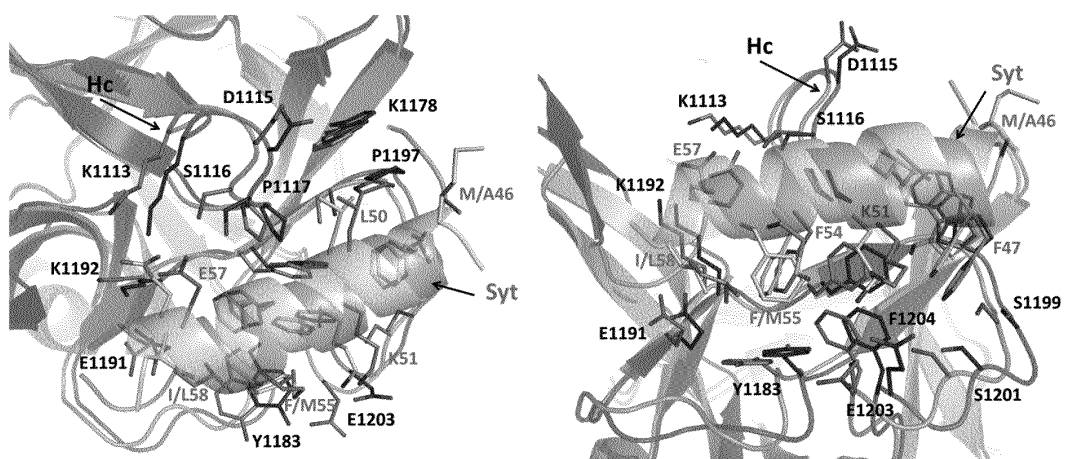


Fig. 6

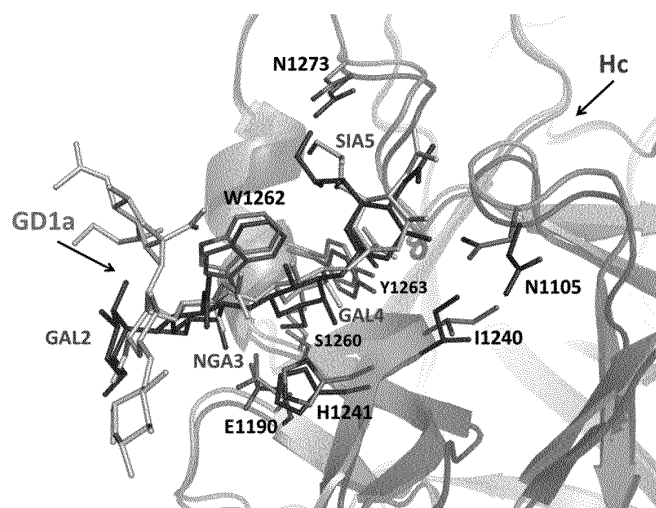


Fig. 7

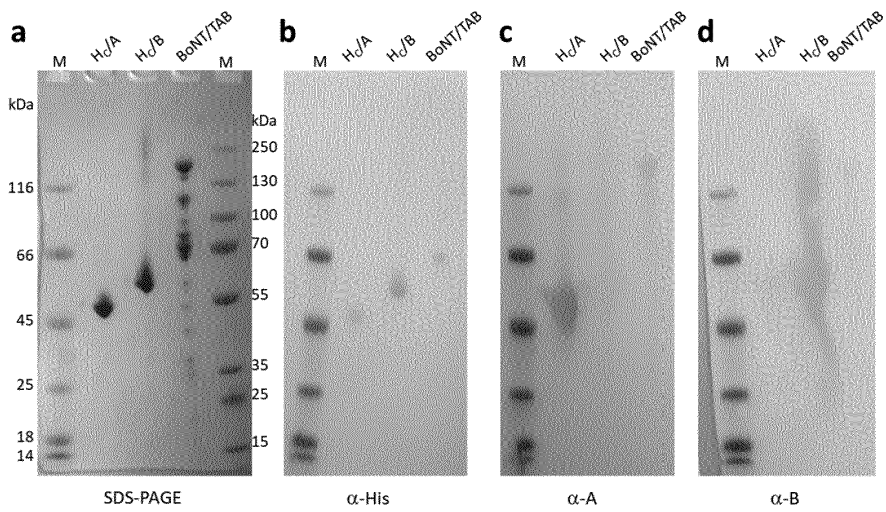


Fig. 8

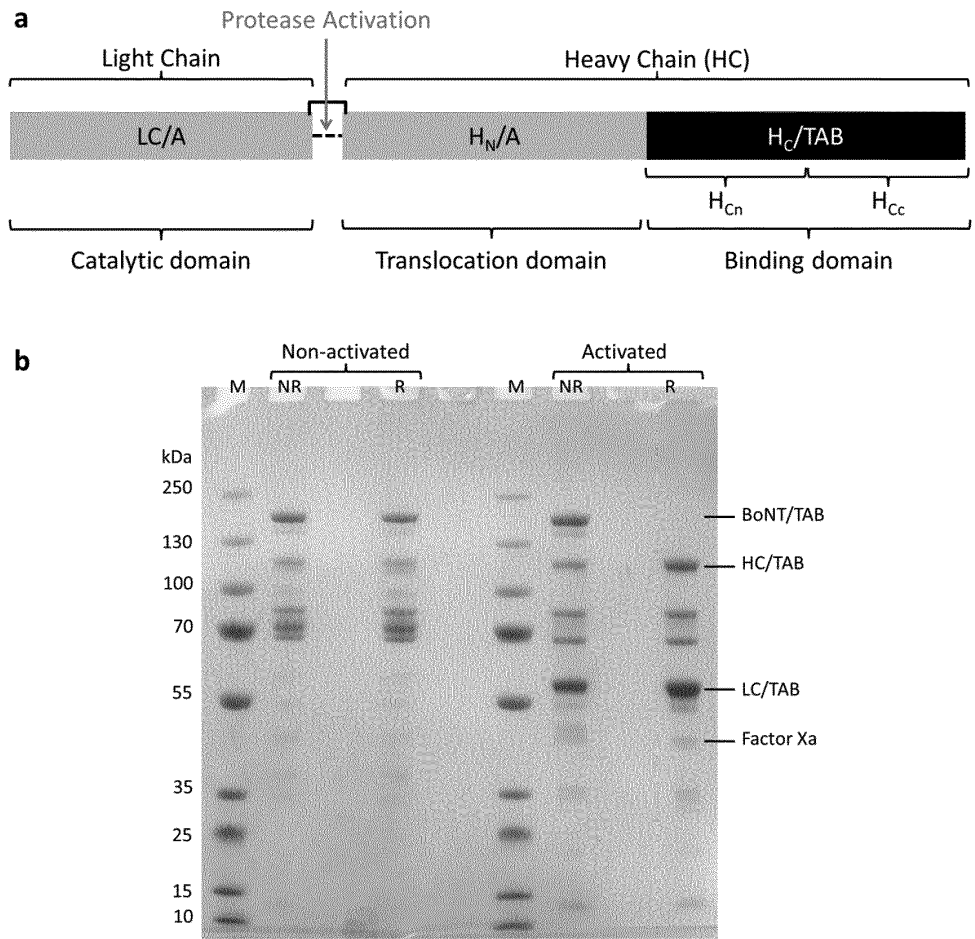


Fig. 9

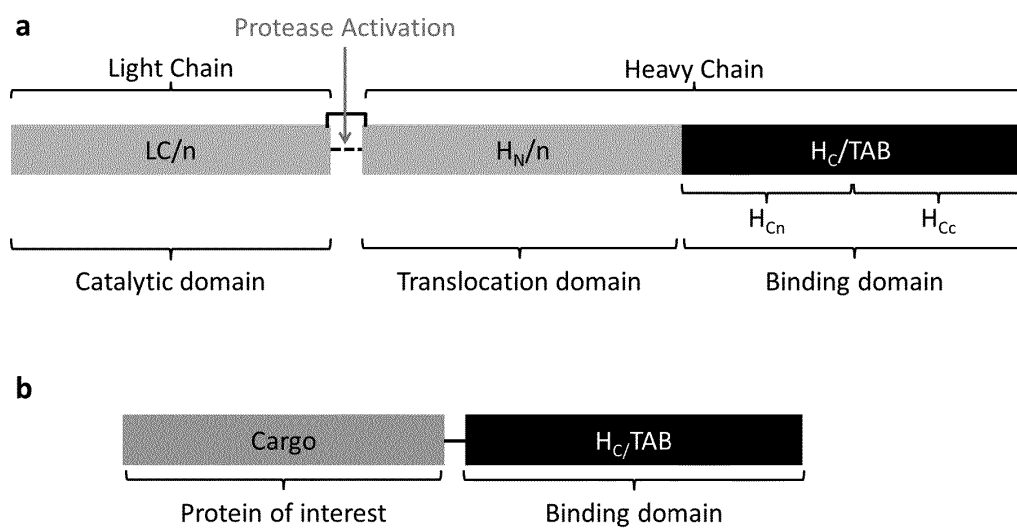


Fig. 10

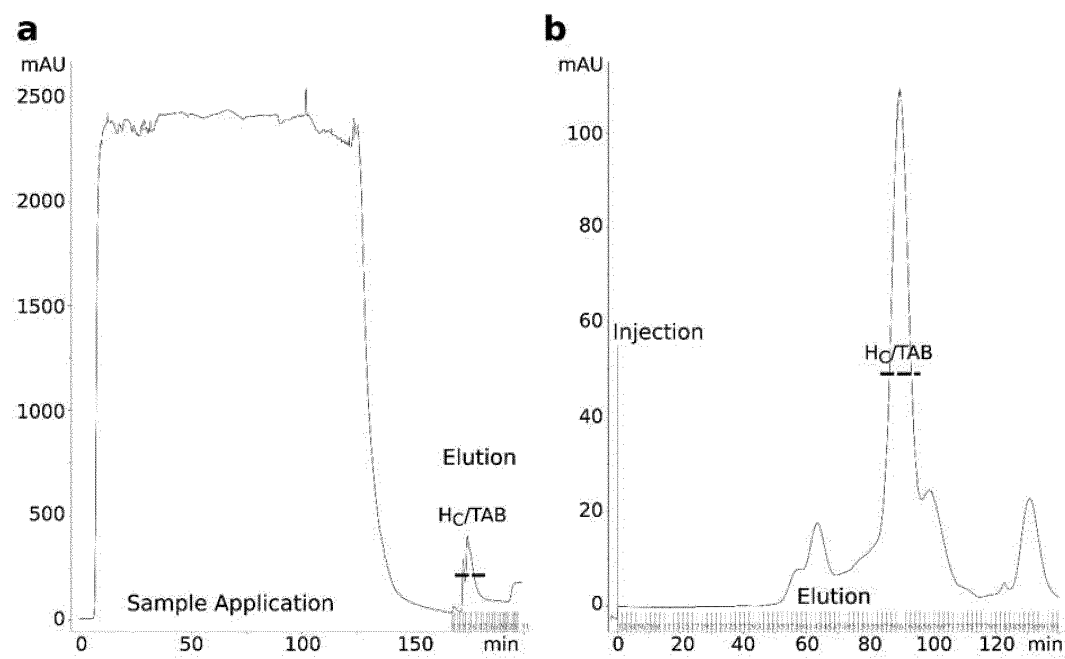


Fig. 11

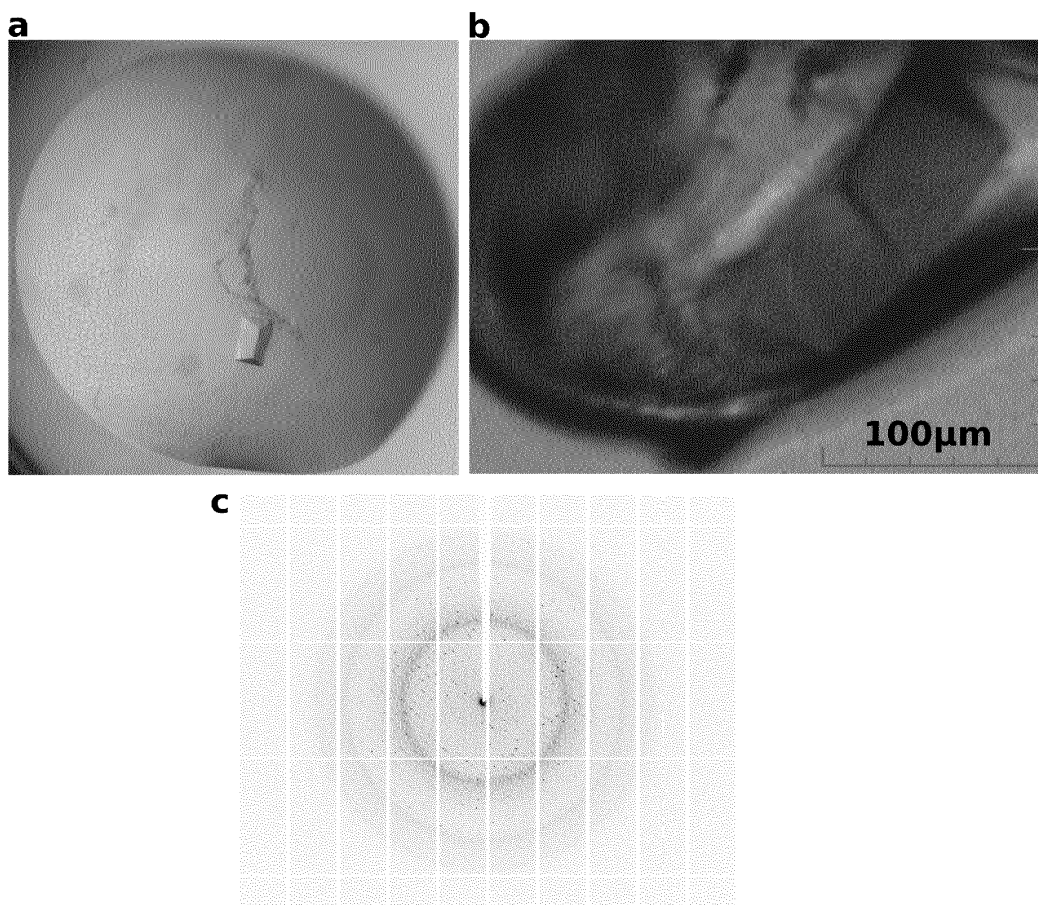


Fig. 12

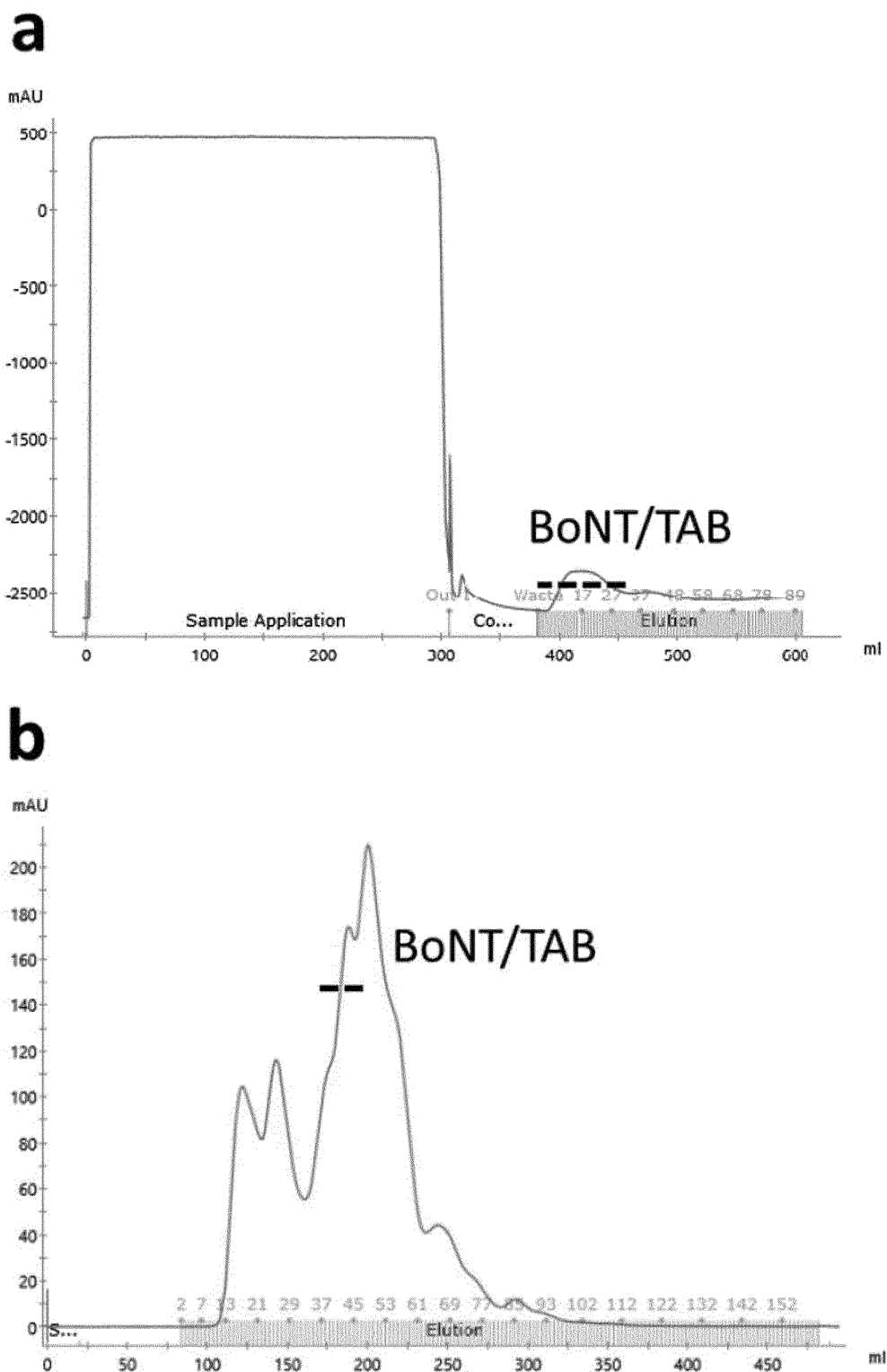


Fig. 13

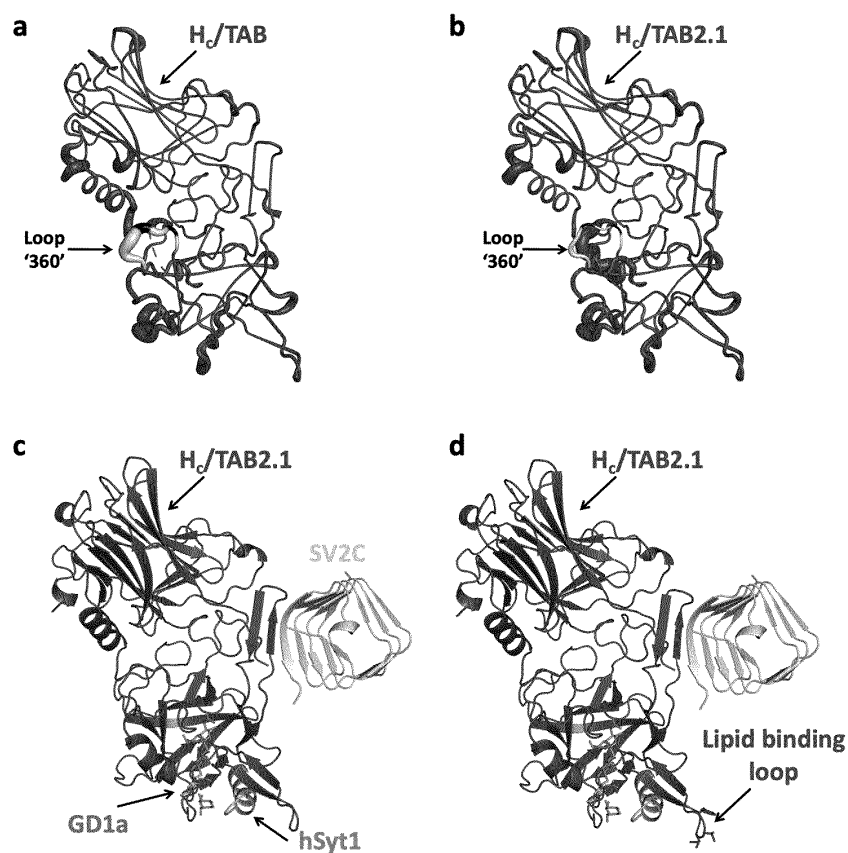


Fig. 14

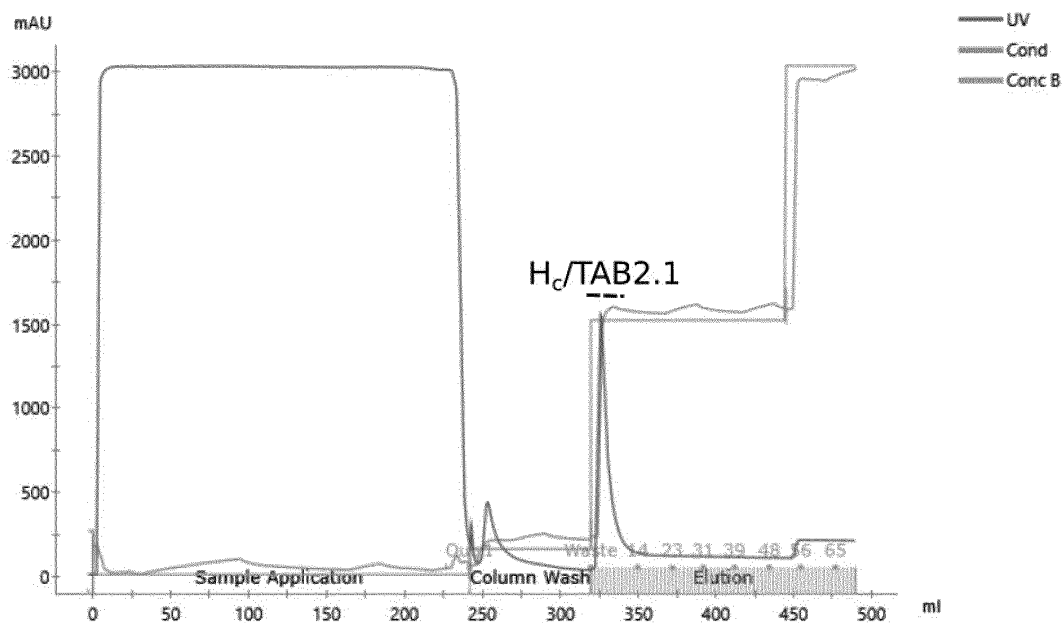


Fig. 15A

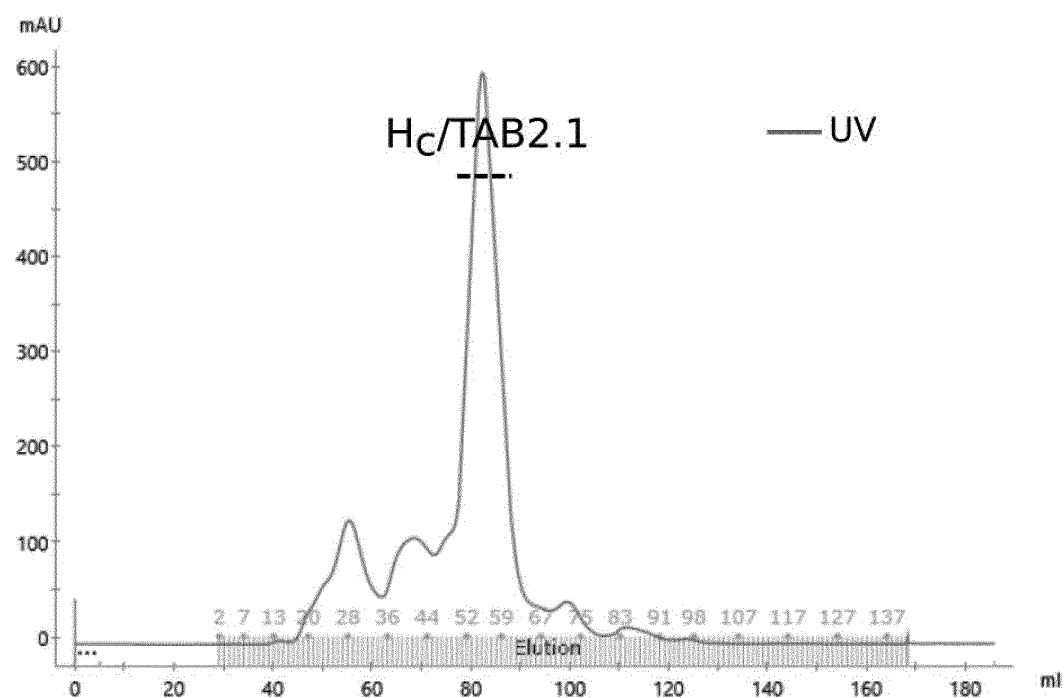


Fig. 15B

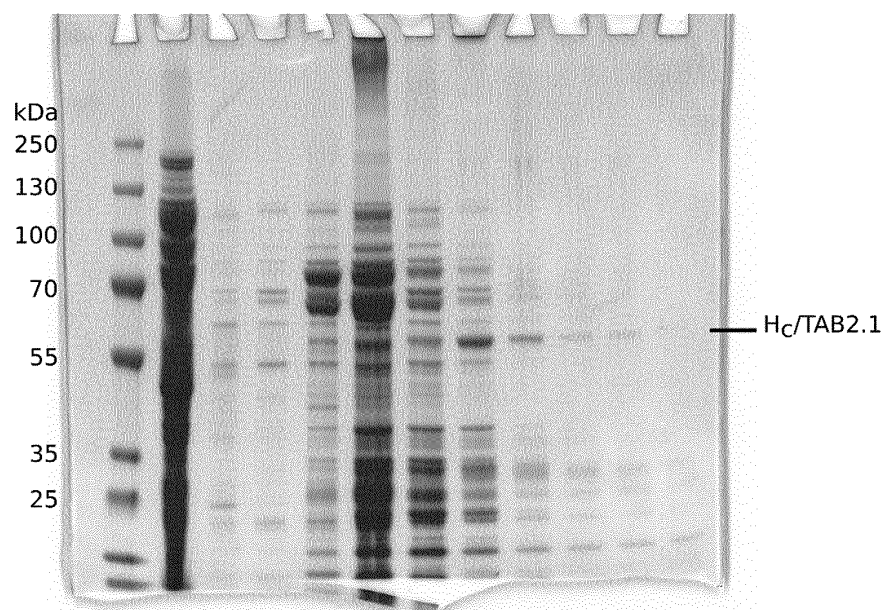


Fig. 15C

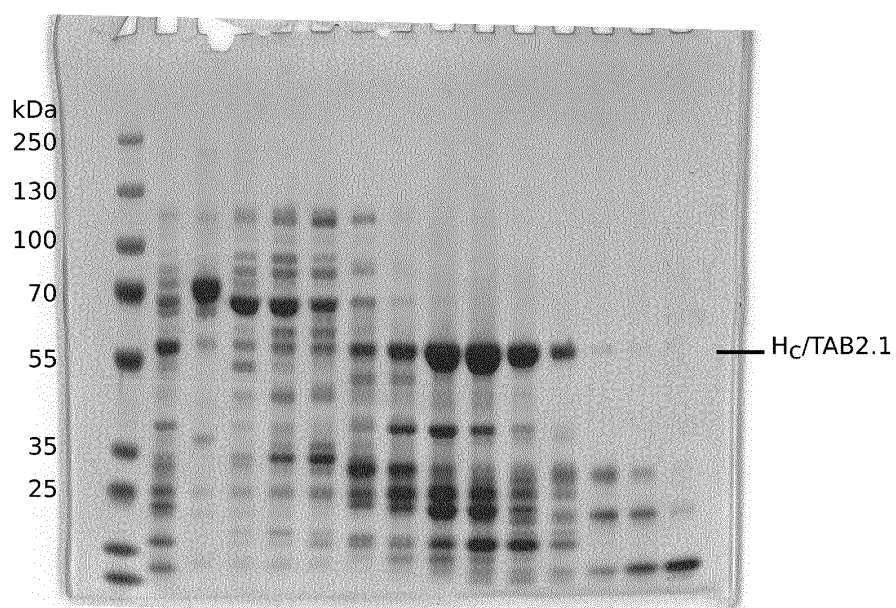


Fig. 15D

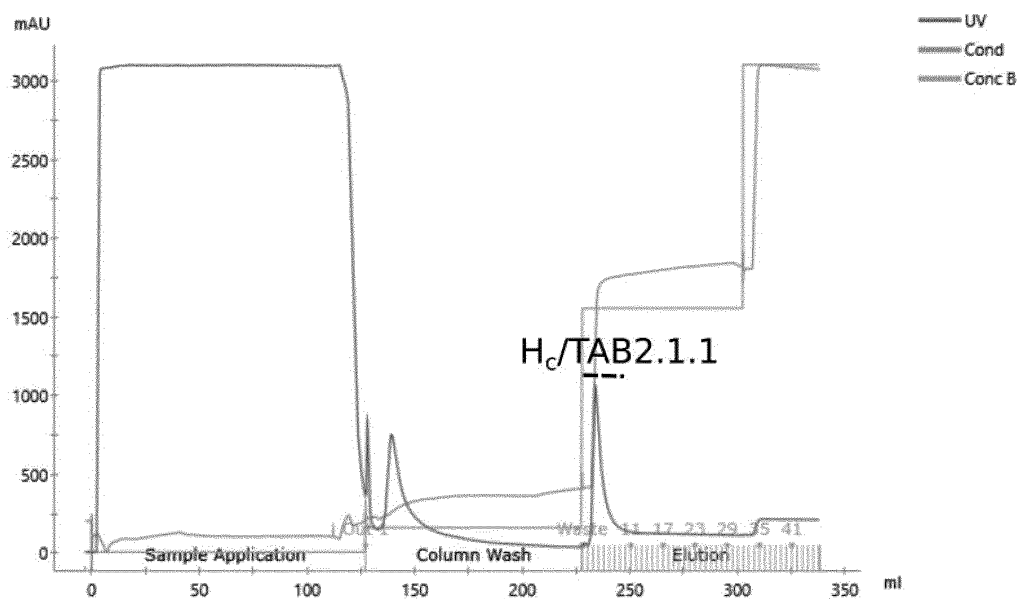


Fig. 16A

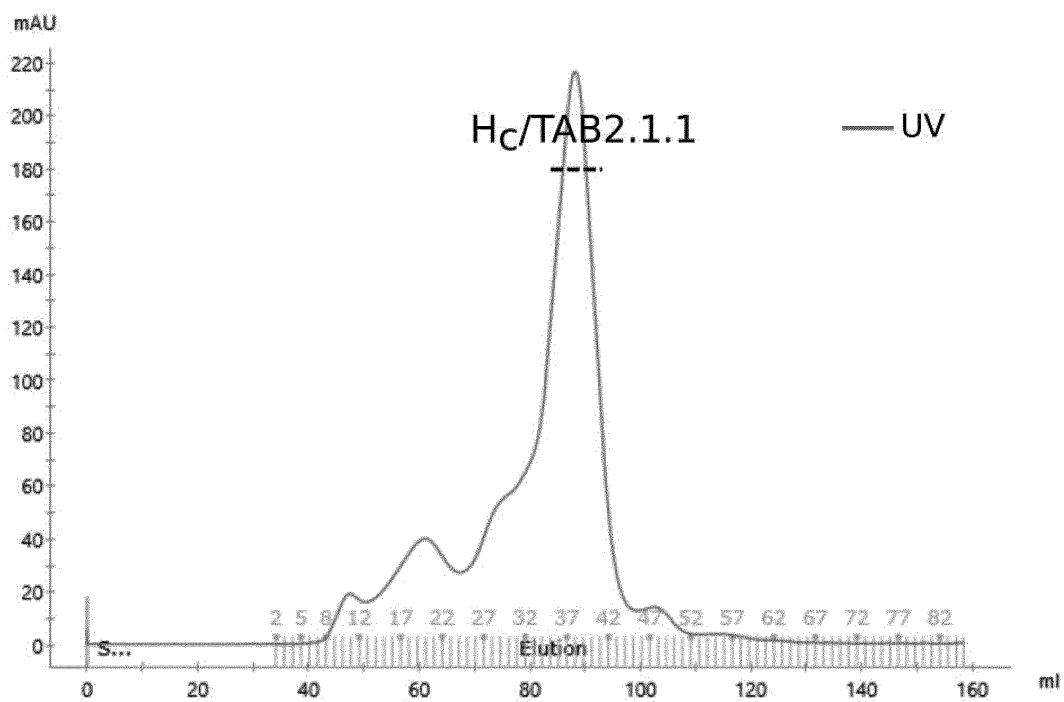


Fig. 16B

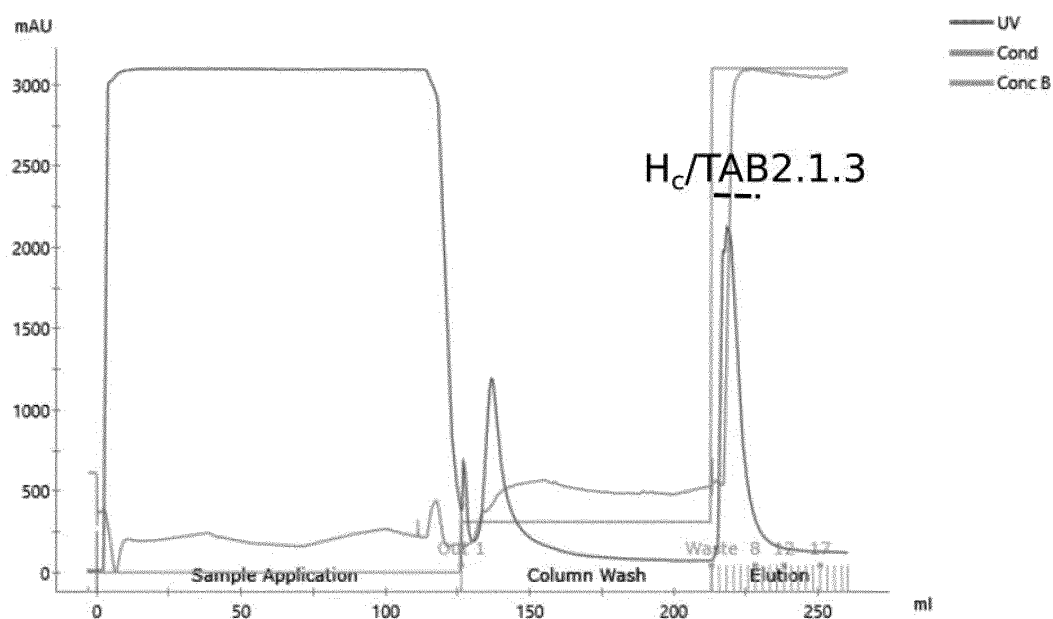


Fig. 16C

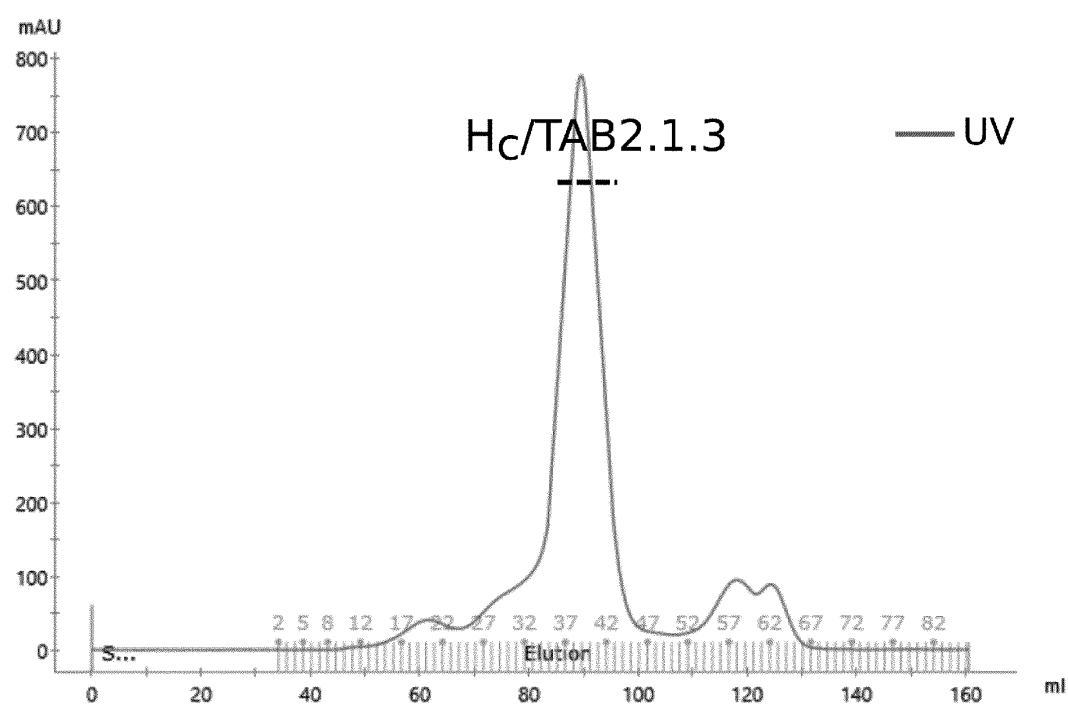


Fig. 16D

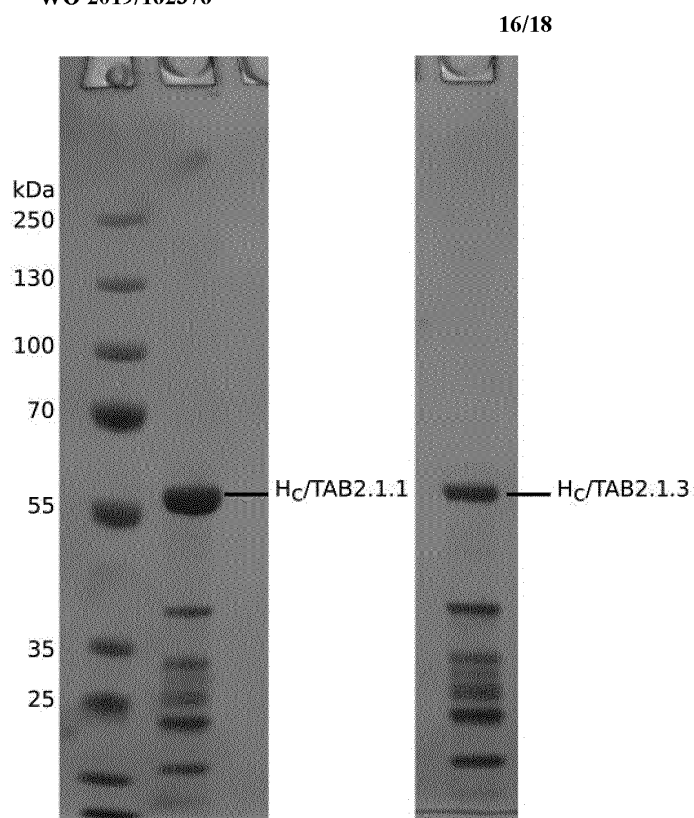


Fig. 16E

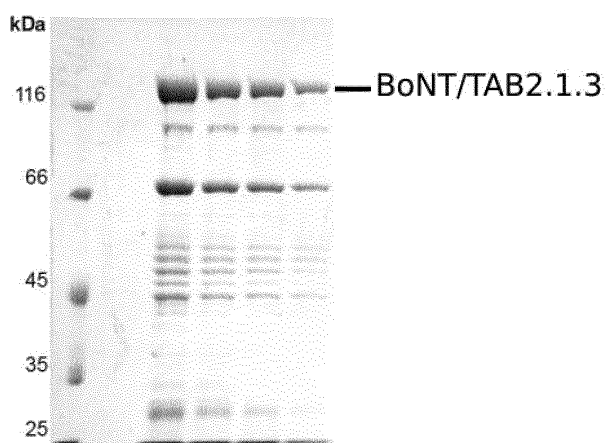


Fig. 17A

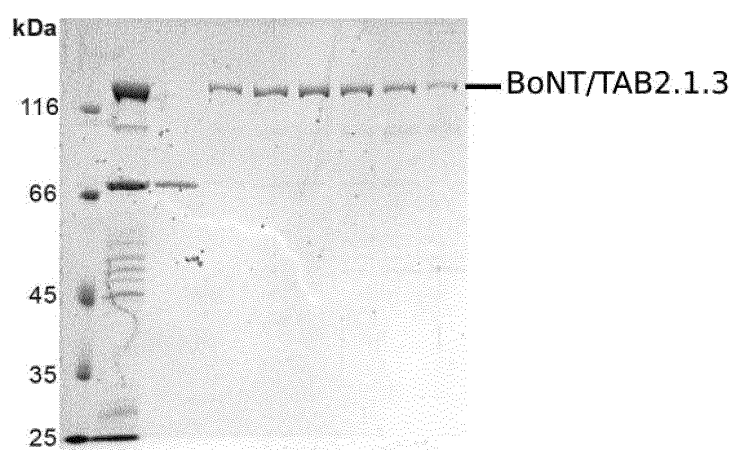


Fig. 17B

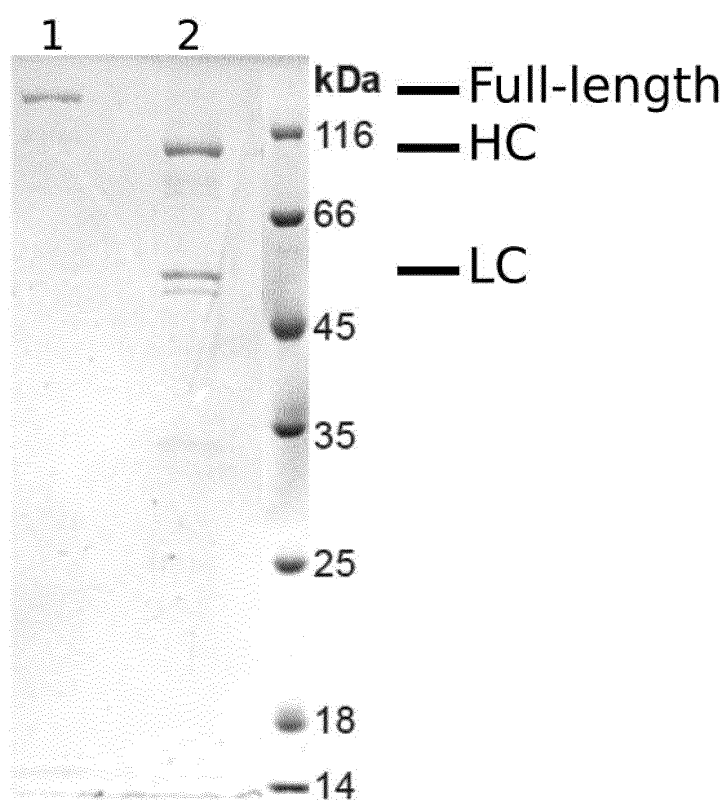


Fig. 17C

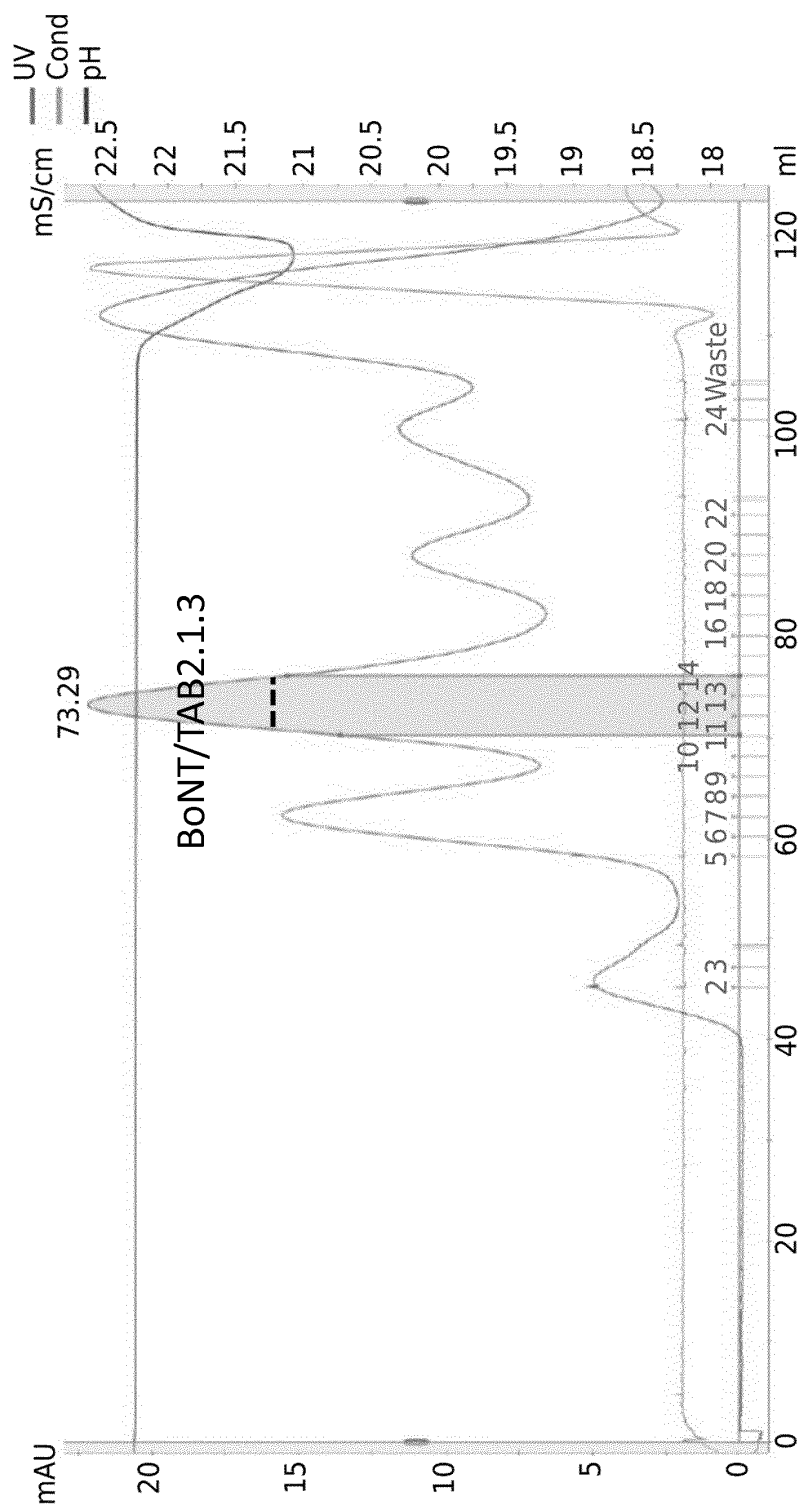


Fig. 17D