

1 / 5

FIG. 1

Amino acid sequence of human menin, isoform 1 (SEQ ID NO: 1):

MGLKAAQKTLFPLRSIDDVVRLFAAELGREEPDLVLLSLVLGFVEHFLAVNRVIPTNVPE
LTFQPSPAPDPPGGLTYFPVADLSIIAALYARFTAQIRGAVDLSLYPREGGVSSRELVKK
VSDVIWNSLSRSYFKDRAHIQSLFSFITGWSPVGTKLDSSGVAFVVGACQALGLRDVHL
ALSEDHAWVVFPGNGEQTA EVTWHGKGNE DRRGQTVNAGVAERSWLYLKGSYMRC DRKME
VAFMVCAINPSIDLHTDSLELLQLQQKLLWLLYDLGHLERYPMALGNLADLEELEPTPGR
PDPLTLYHKG IASAKTYRDEHIYPMYLAGYHCRNRNVREALQAWADTATVIQDYN YCR
EDEE IYKEFFE VANDVIPNLLKEAASLLEAGEERPGEQSQGTQSQGSALQDPECFAHLLR
FYDGICKWEEGSPTPVLHV GWATFLVQSLGRFEGQVRQKVRIVSREAEAAEAE EPWGEEA
REGRRRGPRRESKPEEPPPPK PALDKGLGTGQ GAVSGP PRKPPGT VAGTARGPEGGSTA
QVPAPTASPPPEGPVLT FQSEKMKGMKELLVATKINSSAIKLQLTAQSQVQMKKQKVSTP
SDYTLSFLKRQRKGL

2 / 5

FIG. 2

Amino acid sequence of human menin, isoform 2 (SEQ ID NO: 2):

MGLKAAQKTLFPLRSIDDVVRLFAAELGREEPDLVLLSLVLGFVEHFLAVNRVIPTNVPE
LTFQPSPAPDPPGGLTYFPVADLSIIAALYARFTAQIRGAVDLSLYPREGGVSSRELVKK
VSDVIWNSLSRSYFKDRAHIQSLFSFITGTKLDSSGVAFVVGACQALGLRDVHLALSED
HAWVVFPGNGEQTAEVTWHGKGNEDRRGQTVNAGVAERSWLYLKGSYMRCDRKMEVAFMV
CAINPSIDLHTDSLELLQLQQKLLWLLYDLGHLERYPMALGNLADLEELEPTPGRPDPLT
LYHKGIAAKTYRDEHIYPMYLAGYHCRNRNVREALQAWADTATVIQDYNCREDEEI
YKEFFEVDNDVIPNLLKEAASLLEAGEERPGEQSQGTQSQGSALQDPECFAHLLRFYDGI
CKWEEGSPTPVLHVGWATFLVQSLGRFEGQVRQKVRIVSREAEAAEAEPWGEEAREGRR
RGPRRESKPEEPPPPKKPALDKGLGTGQGAVSGPPRKPPGTVAGTARGPEGGSTAQVPAP
TASPPPEGPVLTFTQSEKMKGMKELLVATKINSSAIKLQLTAQSQVQMKKQKVSTPSDYTL
SFLKRQRKGL

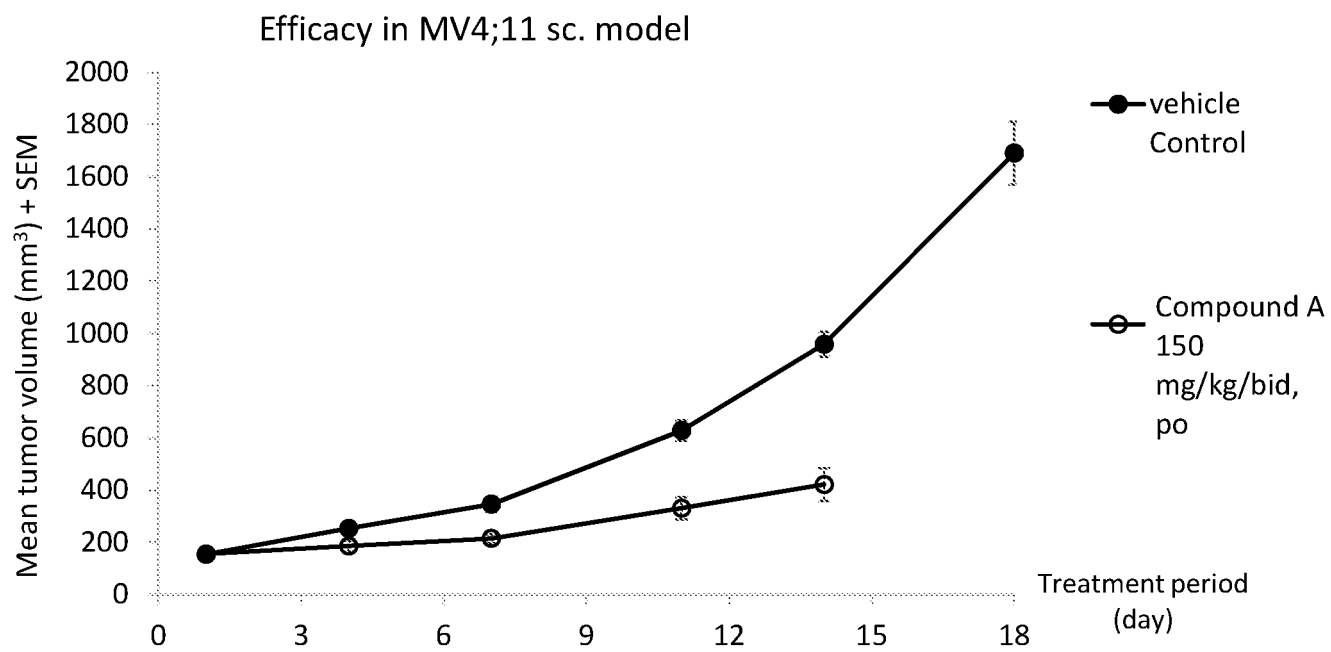
FIG. 3

Amino acid sequence of human menin, isoform 3 (SEQ ID NO: 3):

MGLKAAQKTLFPLRSIDDVVRLFAAELGREEPDLVLLSLVLGFVEHFLAVNRVIPTNVPE
LTFQPSPAPDPPGGLTYFPVADLSIIAALYARFTAQIRGAVDLSLYPREGGVSSRELVKK
VSDVIWNSLSRSYFKDRAHIQSLFSFITGTKLDSSGVAFVVGACQALGLRDVHLALSED
HAWSWLYLKGSYMRCDRKMEVAFMVCAINPSIDLHTDSLELLQLQKLLWLLYDLGHLER
YPMALGNLADLEELEPTPGRPDPLTLYHKGIASAKTYRDEHIYPMYLAGYHCRNRNVR
EALQAWADTATVIQDYNCREDEEIIYKEFFEVDNDVIPNLLKEAASLLEAGEERPGEQSQ
GTQSQGSALQDPECFAHLLRFYDGICKWEEGSPTPVLHVGWATFLVQSLGRFEGQVRQKV
RIVSREAEAAEAEEPWGEEAREGRRRGPRRESKPEEPPPPKKPALDKGLGTGQGAVSGPP
RKPPGTVAGTARGPEGGSTAQVPAPTASPPPEGPVLTTFQSEKMKGMKELLVATKINSSAI
KLQLTAQSQVQMKKQKVSTPSDYTLSFLKRQRKGL

4 / 5

FIG. 4



5 / 5

FIG. 5

