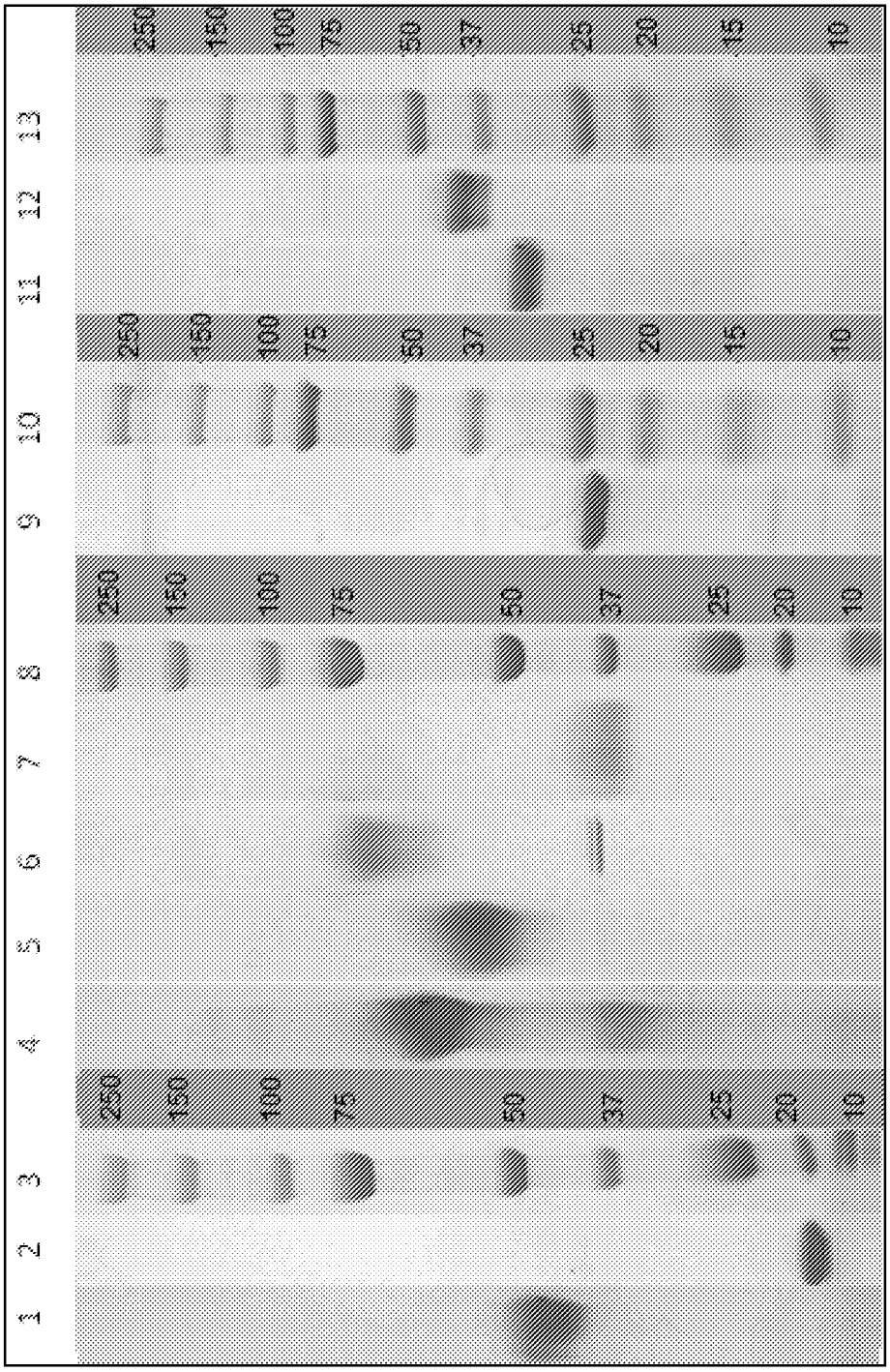



FIGURE 1

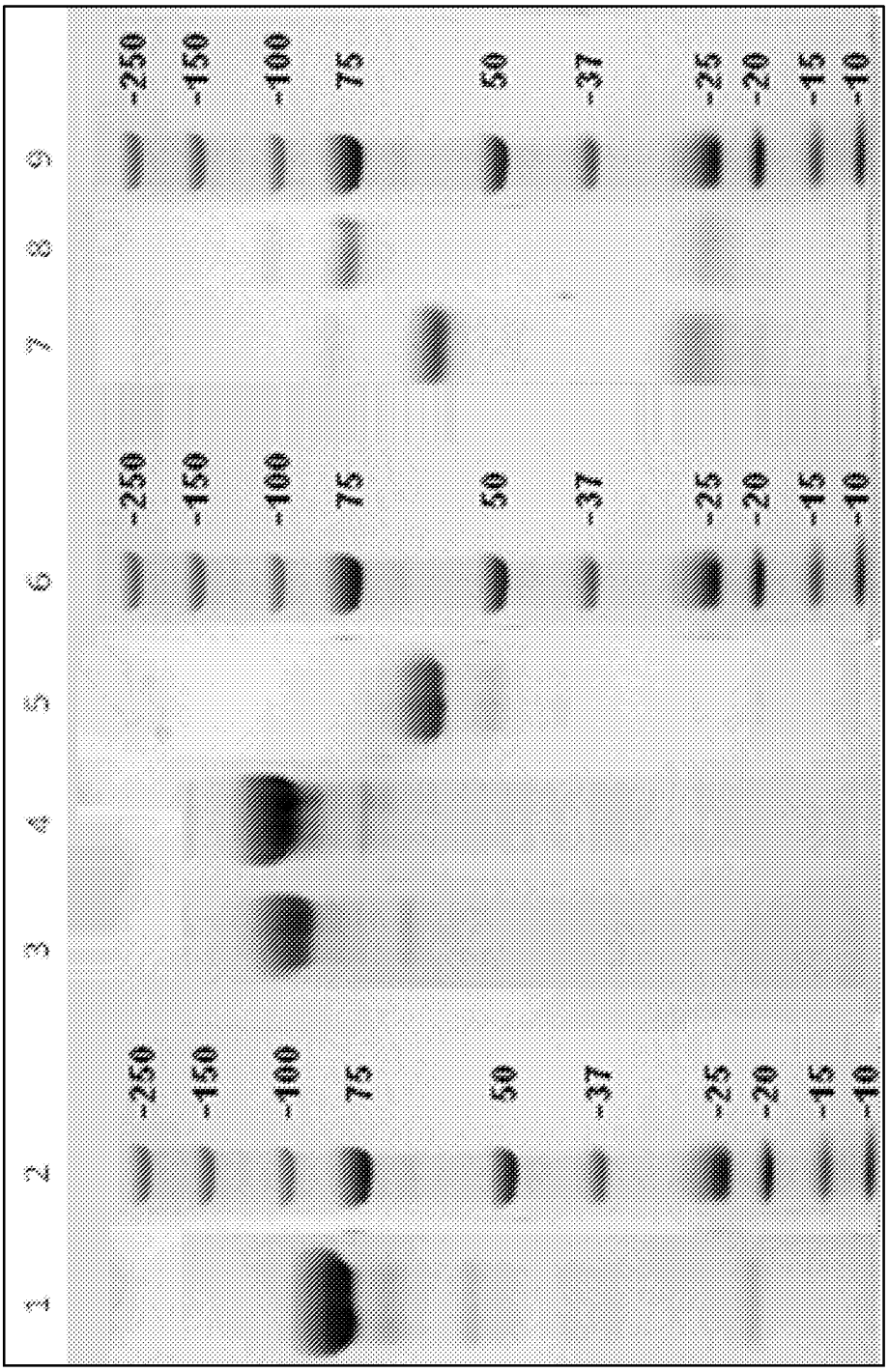



FIGURE 2

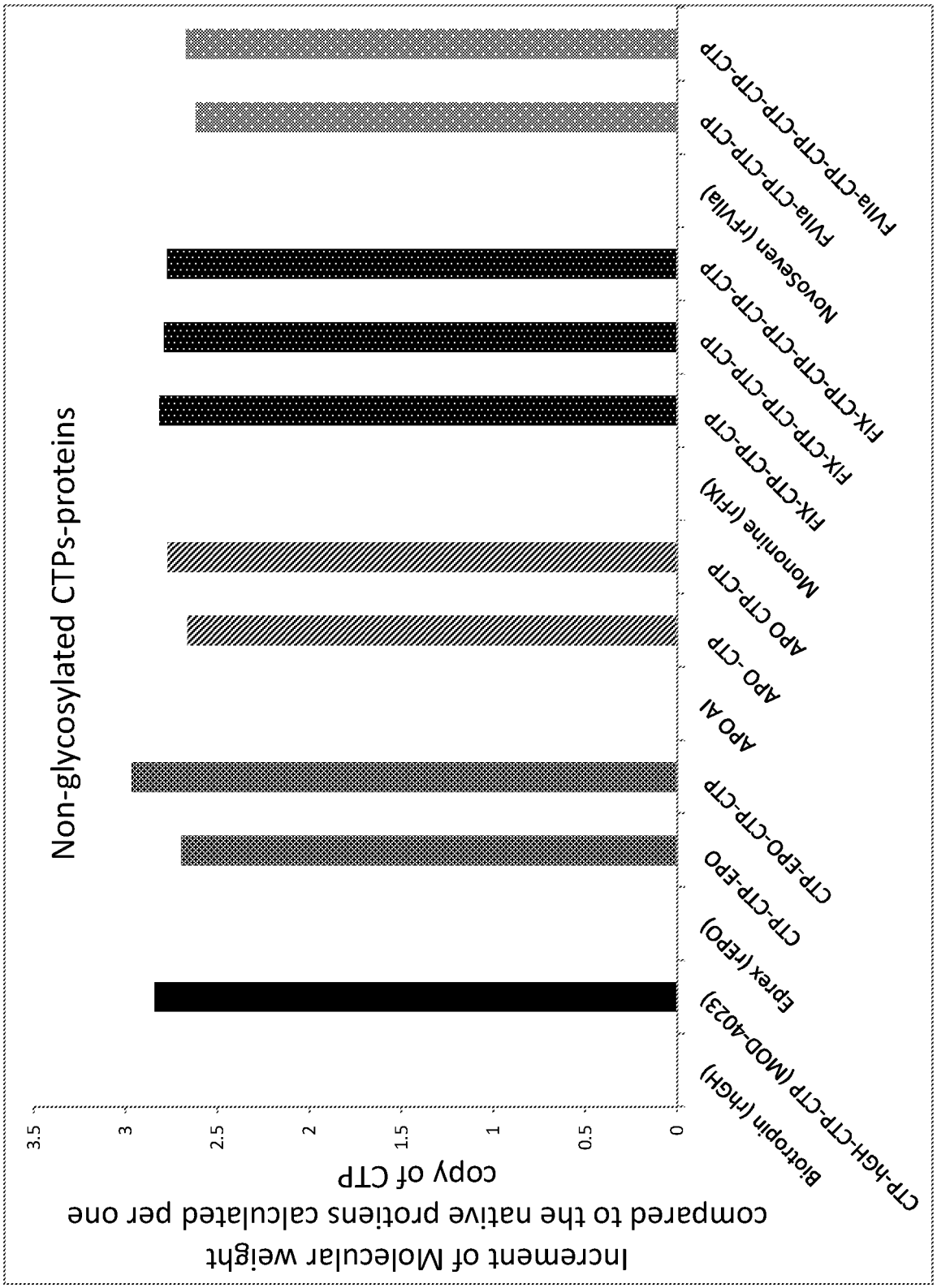

Non-glycosylated CTPs-proteins
Increment of Molecular weight
compared to the native protiens calculated per one
copy of CTP
3.5
3
2.5
2
1.5
1
0.5
0
Biotropin (rhGh)
CTP-hGh-CTP-CTP (MOD-4023)
Eprex (rEPO)
CTP-CTP-EPO
CTP-EPO-CTP-CTP
APO AI
APO -CTP
APO CTP-CTP
Mononiine (rFIX)
FIX-CTP-CTP-CTP
FIX-CTP-CTP-CTP-CTP
FIX-CTP-CTP-CTP-CTP-CTP
NovoSeven (rFVIIa)
FVIIa-CTP-CTP-CTP
FVIIa-CTP-CTP-CTP-CTP

FIGURE 3A

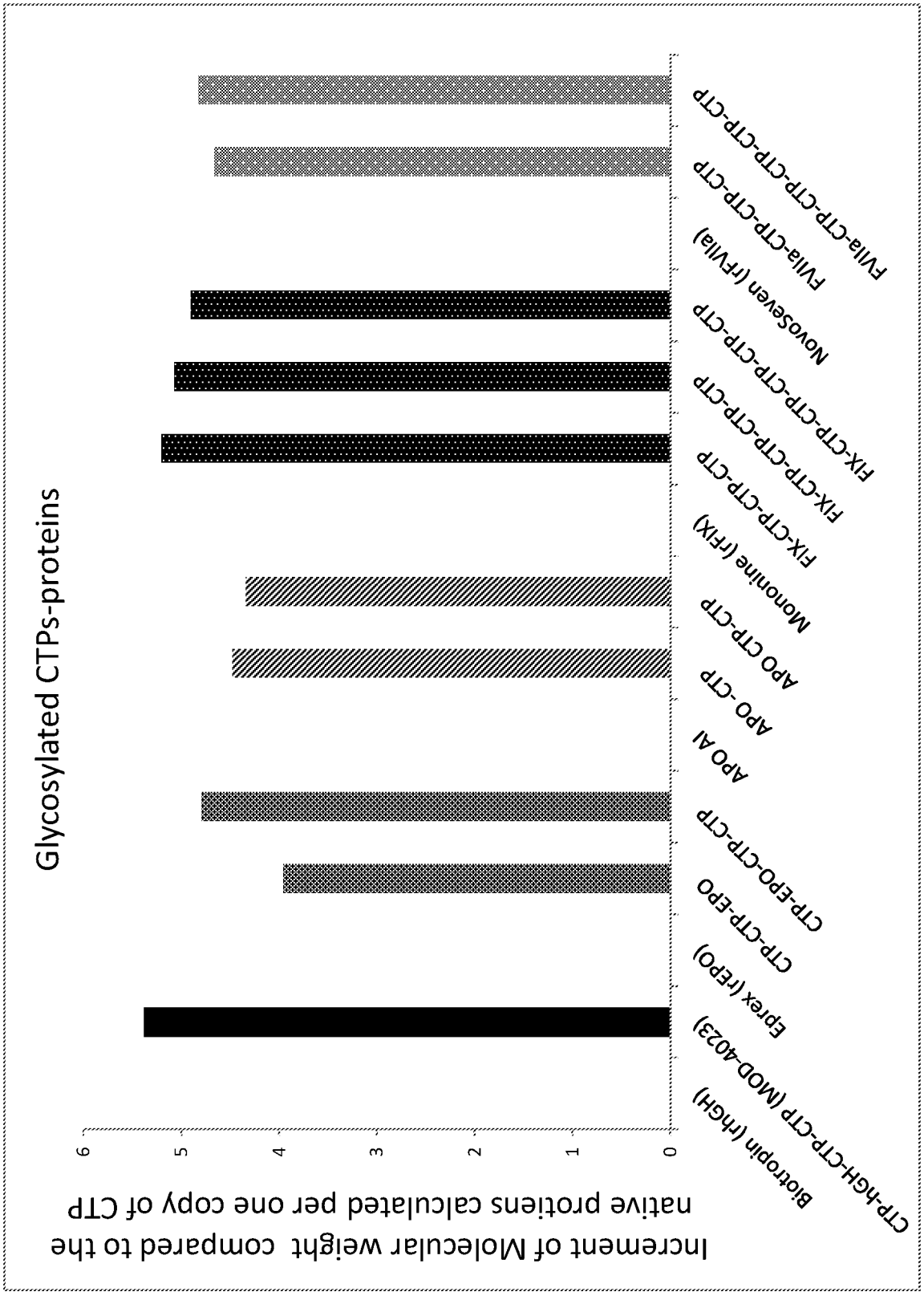

Glycosylated CTPs-proteins
Increment of Molecular weight compared to the native proteins calculated per one copy of CTP
0
1
2
3
4
5
6
Biotropin (rhGH)
CTP-hGH-CTP-CTP (MOD-4023)
Eprex (rEPO)
CTP-CTP-EPO
CTP-EPO-CTP-CTP
APO AI
APO -CTP
APO CTP-CTP
Mononiine (rFIX)
FIX-CTP-CTP-CTP
FIX-CTP-CTP-CTP-CTP
FIX-CTP-CTP-CTP-CTP
Novoseven (rFVIIa)
FVIIa-CTP-CTP-CTP
FVIIa-CTP-CTP-CTP-CTP-CTP

FIGURE 3B

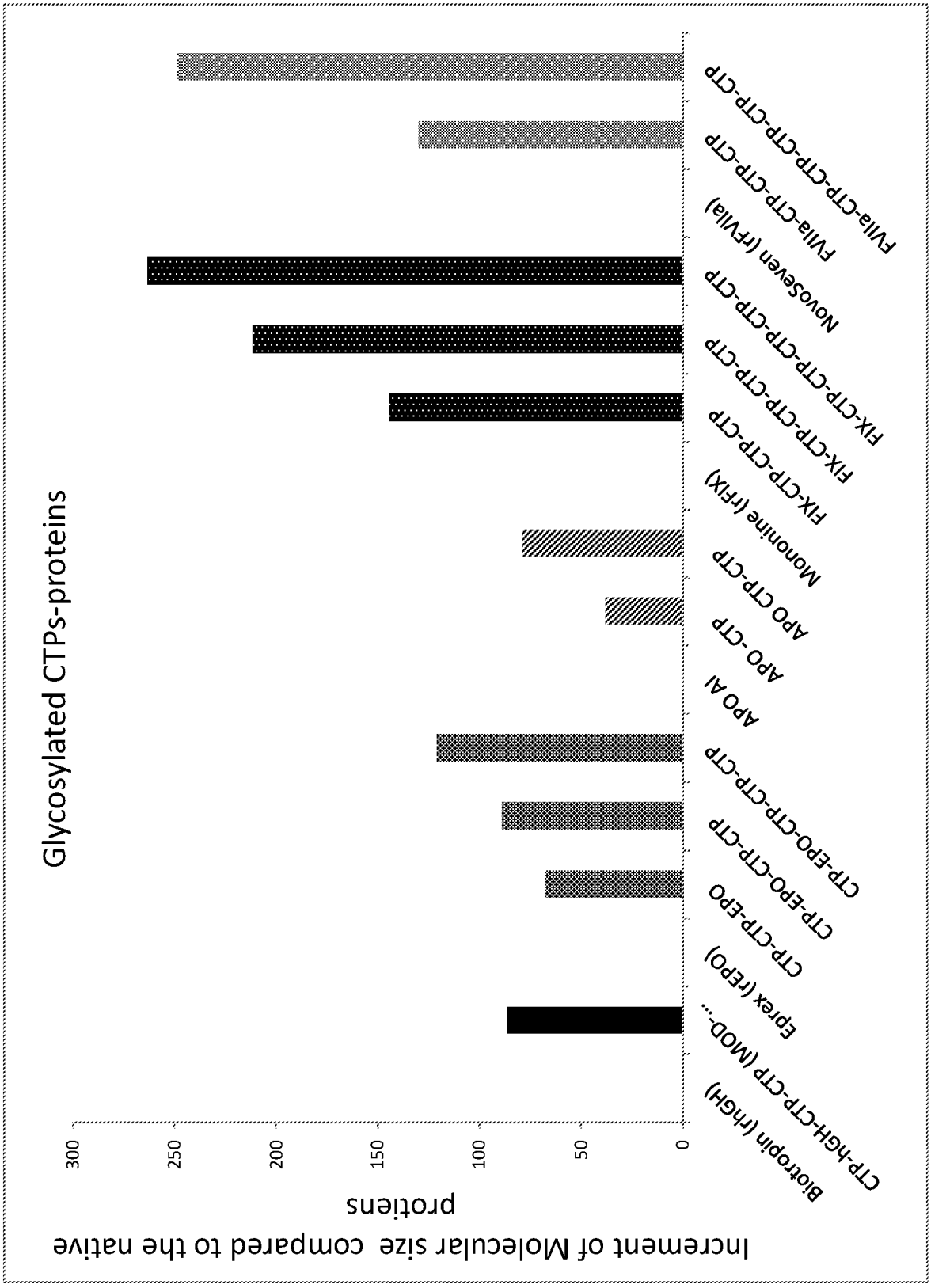

Glycosylated CTPs-proteins
Increment of Molecular size compared to the native proteins
0
50
100
150
200
250
300
Biotropin (rhGH)
CTP-hGH-CTP-CTP (MOD-...
Eprex (rEPO)
CTP-CTP-EPO
CTP-EPO-CTP-CTP
CTP-EPO-CTP-CTP-CTP
APO AI
APO -CTP
APO CTP-CTP
Monomine (rFIX)
FIX-CTP-CTP-CTP
FIX-CTP-CTP-CTP-CTP
FIX-CTP-CTP-CTP-CTP-CTP
NovoSeven (rFVIIa)
FVIIa-CTP-CTP-CTP
FVIIa-CTP-CTP-CTP-CTP

FIGURE 4A

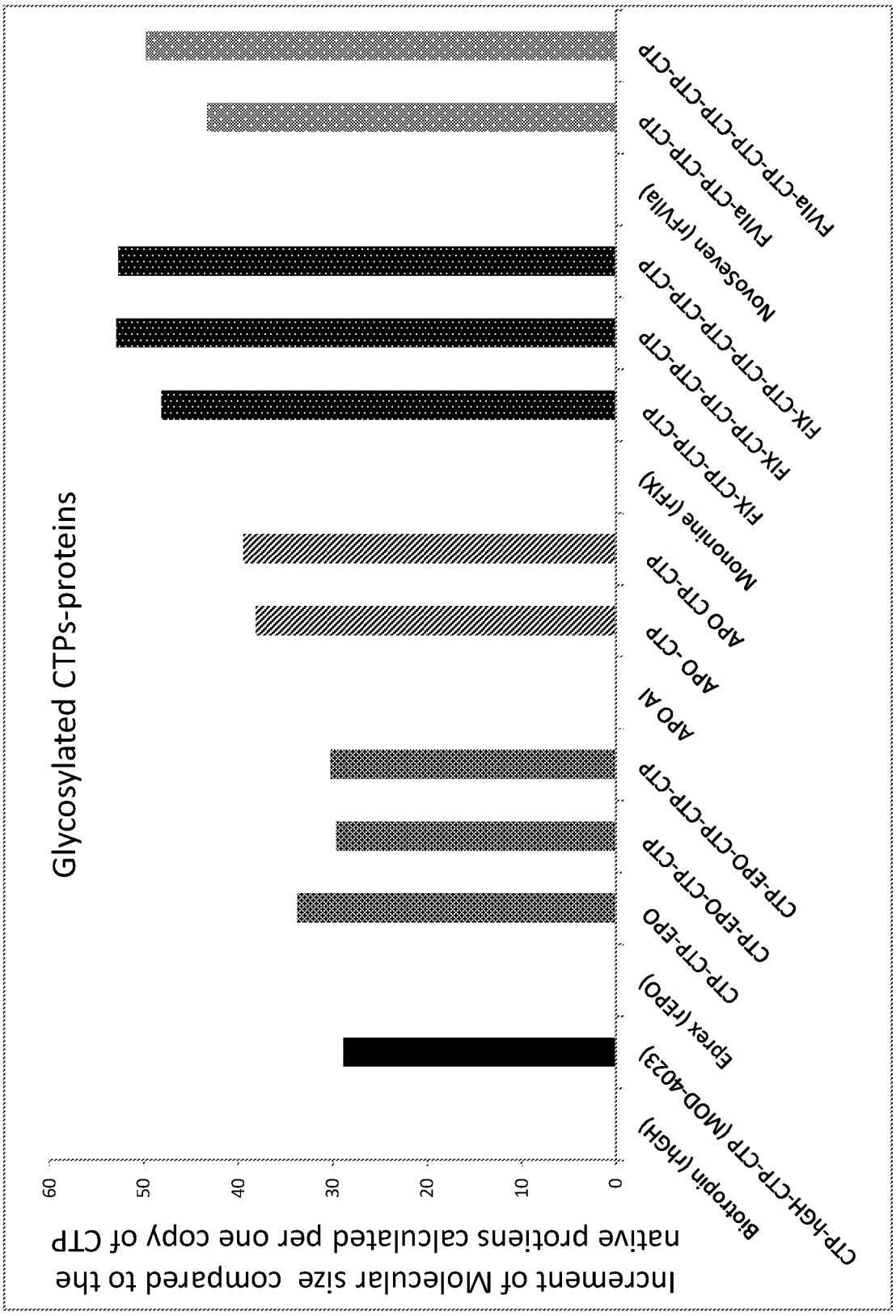

Glycosylated CTPs-proteins
Increment of Molecular size compared to the native proteins calculated per one copy of CTP
0
10
20
30
40
50
60
Biotropin (rhGH)
CTP-hGH-CTP-CTP (MOD-4023)
Eprex (rEPO)
CTP-CTP-EPO
CTP-EPO-CTP-CTP
CTP-EPO-CTP-CTP-CTP
APO AI
APO -CTP
APO CTP-CTP
Mononine (rFIX)
FIX-CTP-CTP-CTP
FIX-CTP-CTP-CTP-CTP
FIX-CTP-CTP-CTP-CTP-CTP
NovoSeven (rFVIIa)
FVIIa-CTP-CTP-CTP
FVIIa-CTP-CTP-CTP-CTP-CTP

FIGURE 4B

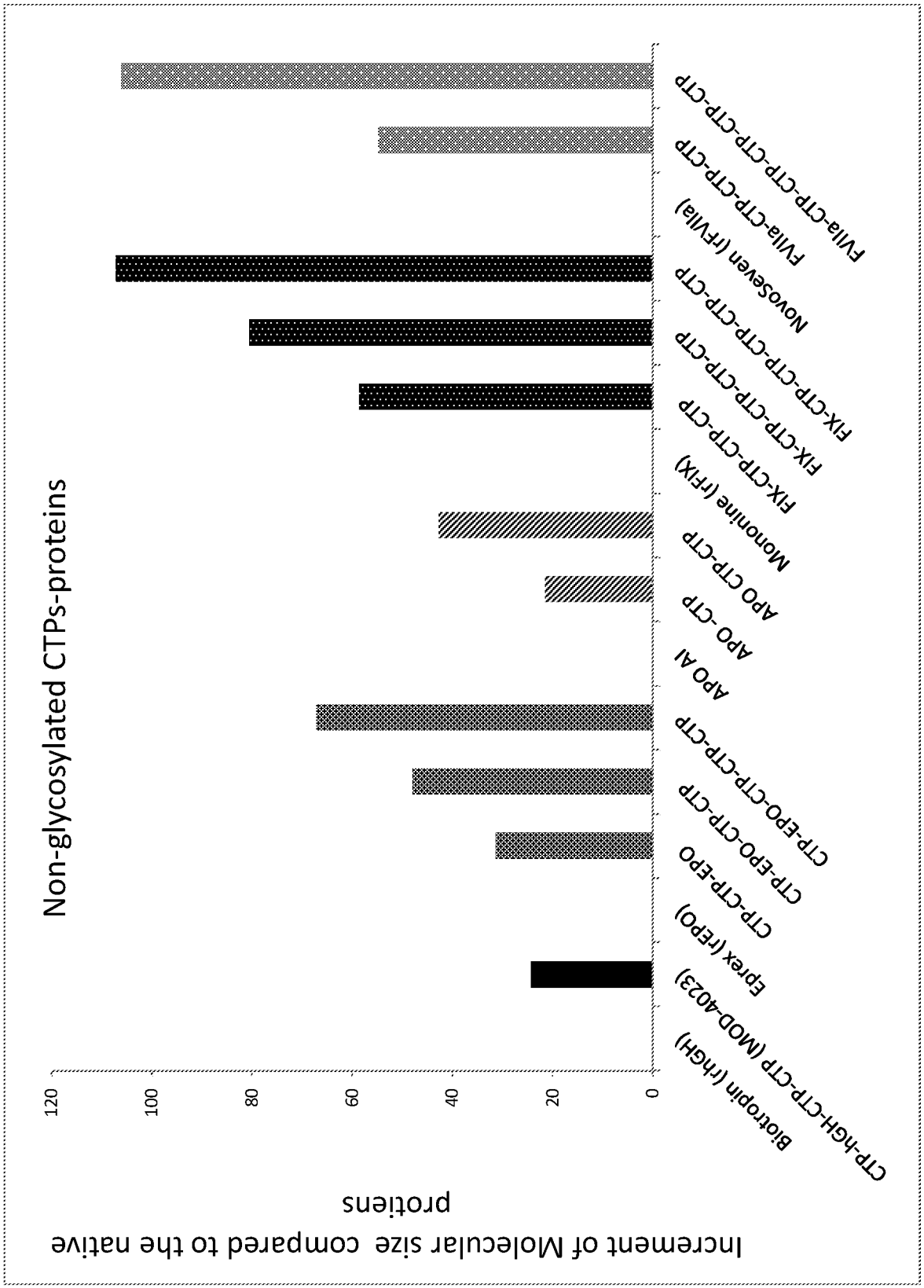

Non-glycosylated CTPs-proteins
Increment of Molecular size compared to the native proteins
0
20
40
60
80
100
120
Biotropin (rhGH)
CTP-hGH-CTP-CTP-CTP (MOD-4023)
Eprex (rEPO)
CTP-CTP-EPO
CTP-EPO-CTP-CTP
CTP-EPO-CTP-CTP-CTP
APO AI
APO -CTP
APO CTP-CTP
Monomine (rFIX)
FIX-CTP-CTP-CTP
FIX-CTP-CTP-CTP-CTP
FIX-CTP-CTP-CTP-CTP-CTP
NovoSeven (rFVIIa)
FVIIa-CTP-CTP-CTP
FVIIa-CTP-CTP-CTP-CTP

FIGURE 5A

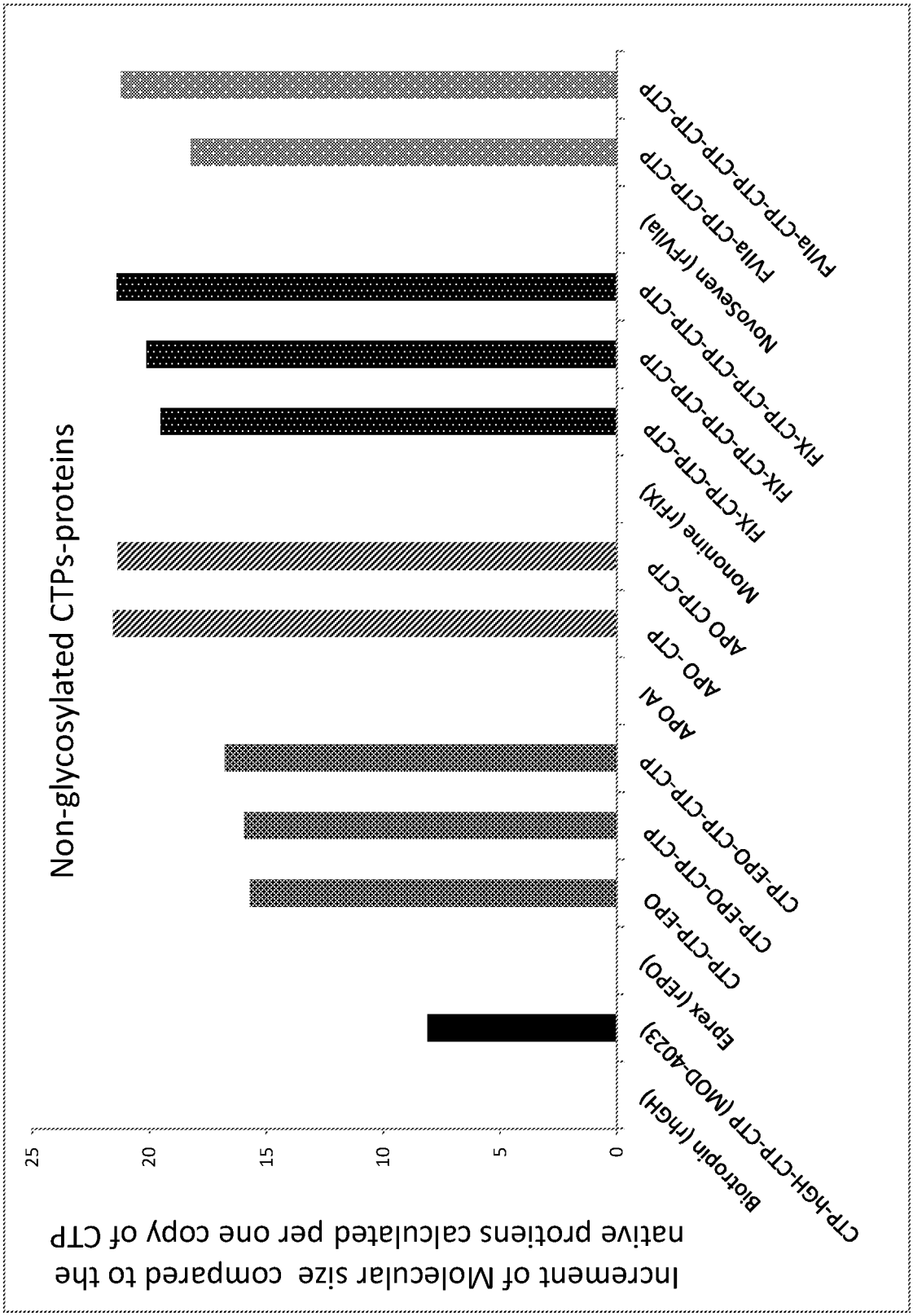

Non-glycosylated CTPs-proteins
Increment of Molecular size compared to the native proteins calculated per one copy of CTP
0
5
10
15
20
25
Biotropin (rhGh)
CTP-hGh-CTP-CTP (MOD-4023)
Eprex (rEPO)
CTP-CTP-EPO
CTP-EPO-CTP-CTP
CTP-EPO-CTP-CTP-CTP
APO AI
APO -CTP
APO CTP-CTP
Monoonine (rFIX)
FIX-CTP-CTP-CTP
FIX-CTP-CTP-CTP-CTP
FIX-CTP-CTP-CTP-CTP
NovoSeven (rFVIIa)
FVIIa-CTP-CTP-CTP
FVIIa-CTP-CTP-CTP-CTP

FIGURE 5B