FIGURE 1A

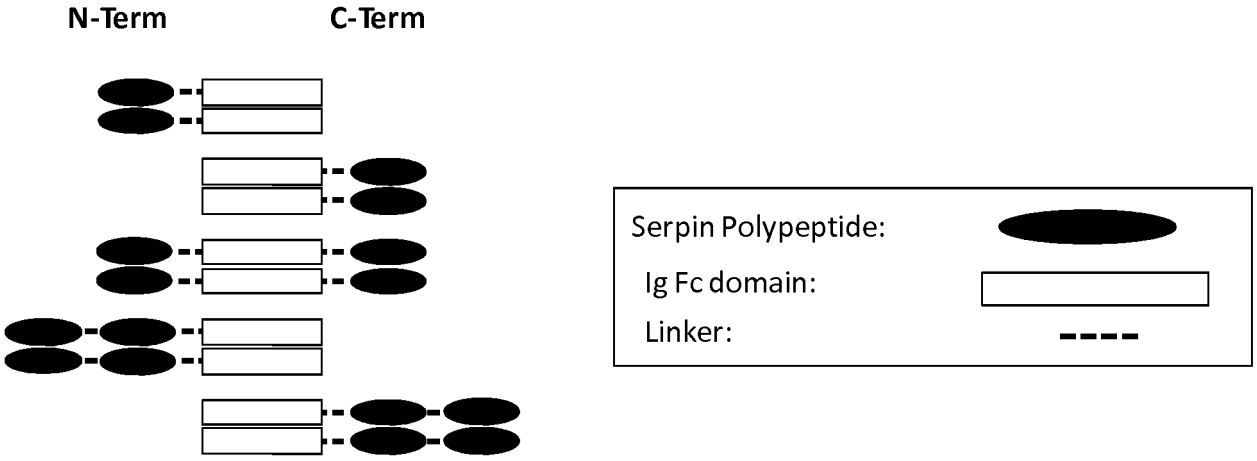


FIGURE 1B

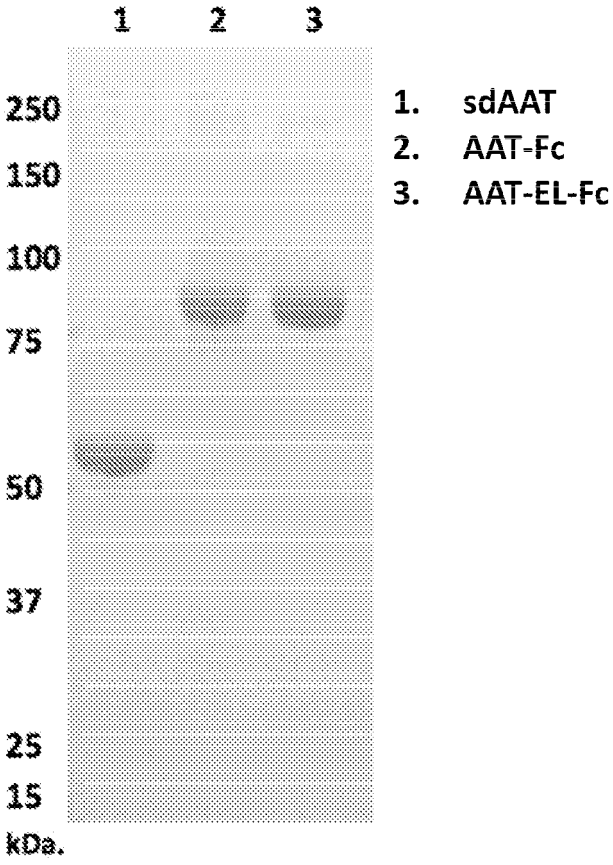


FIGURE 1C

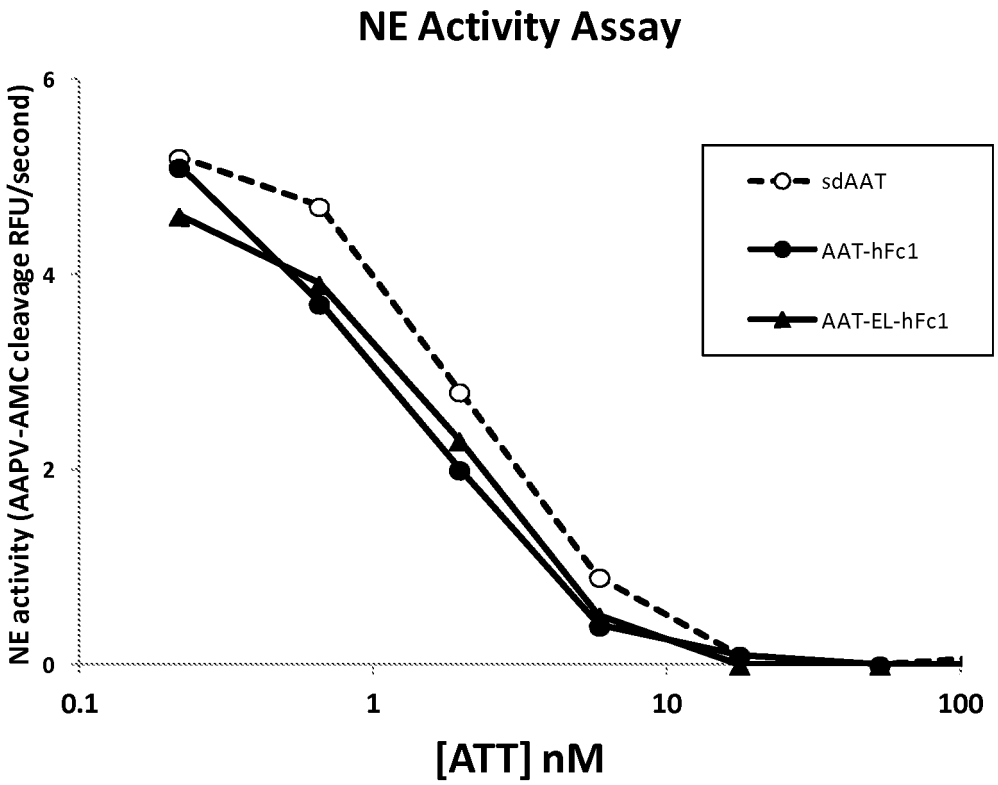


FIGURE 1D

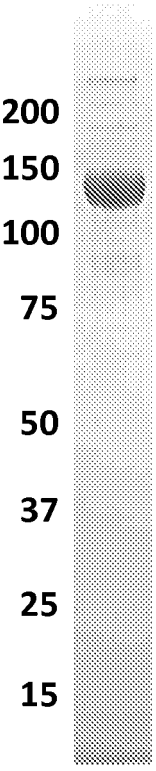


FIGURE 1E

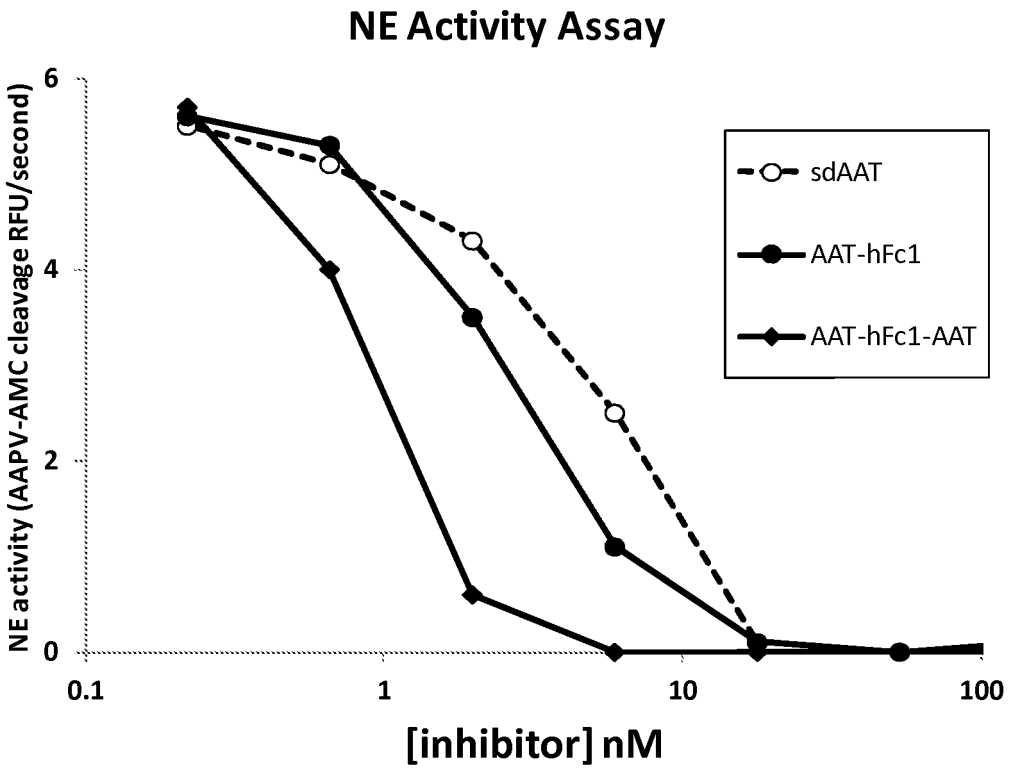


FIGURE 1F

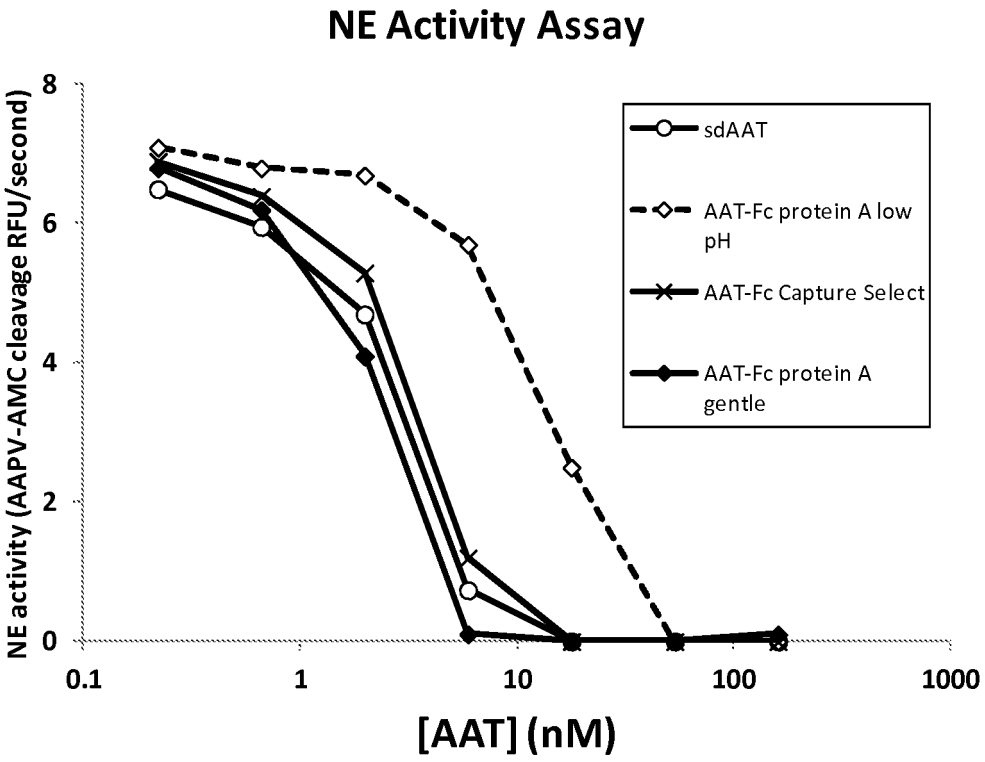


FIGURE 1G

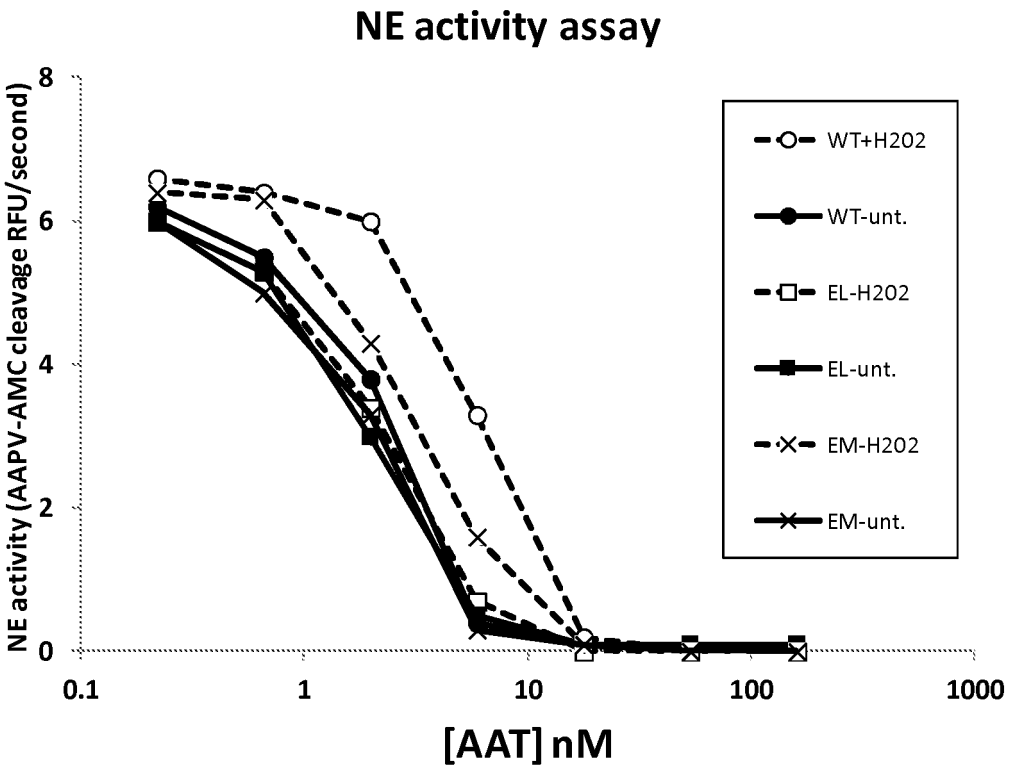


FIGURE 1H

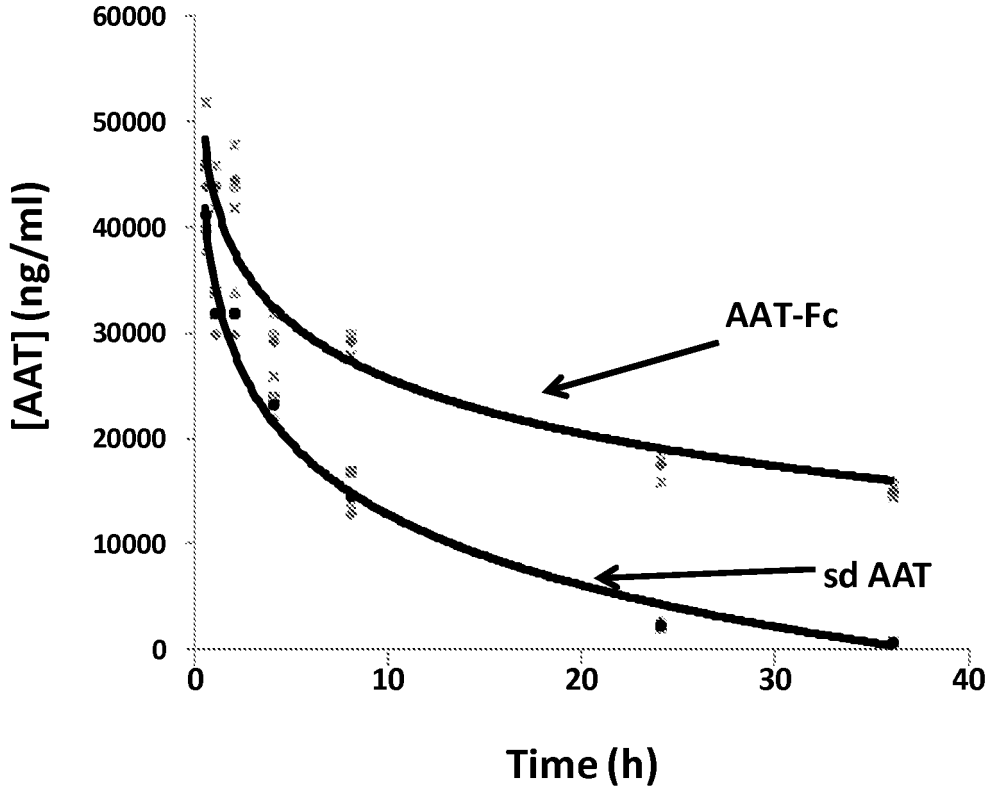


FIGURE 2A

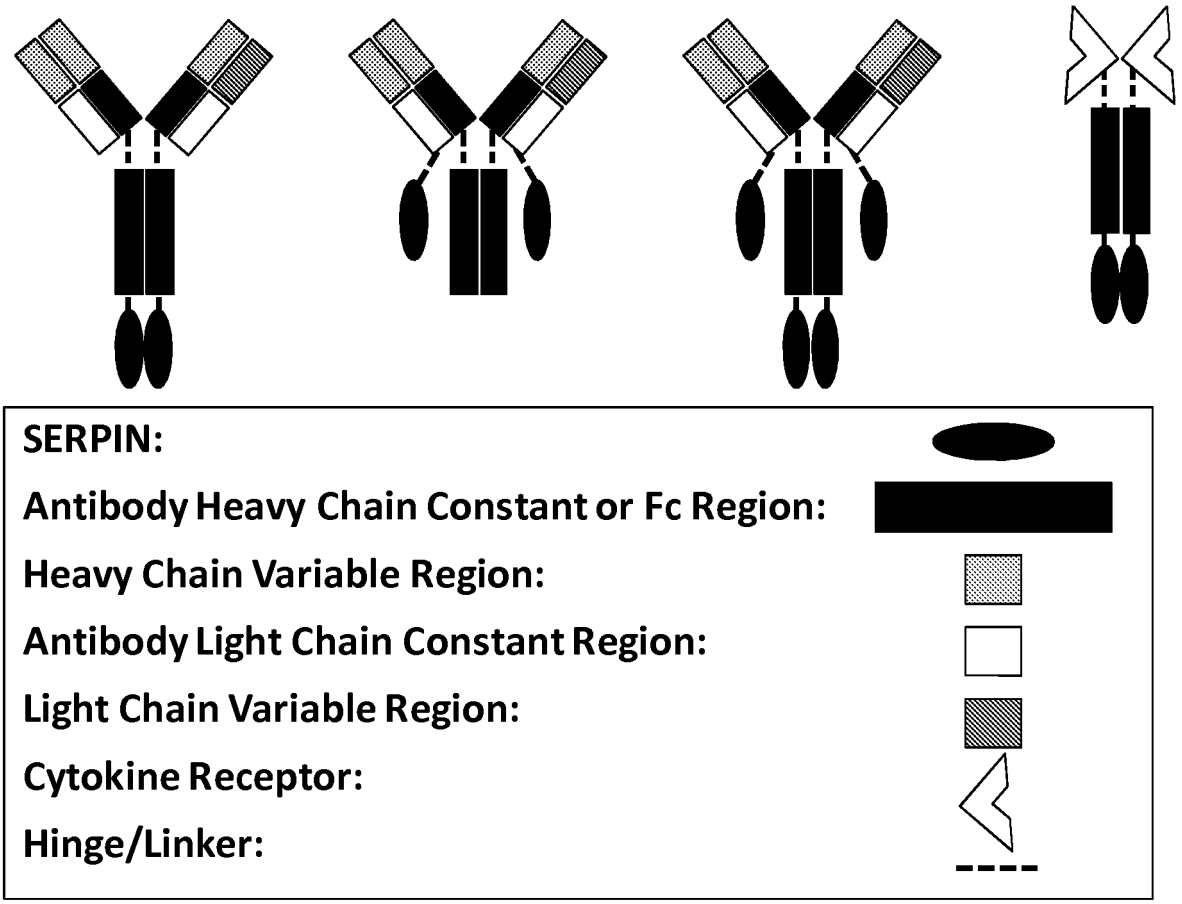


FIGURE 2B

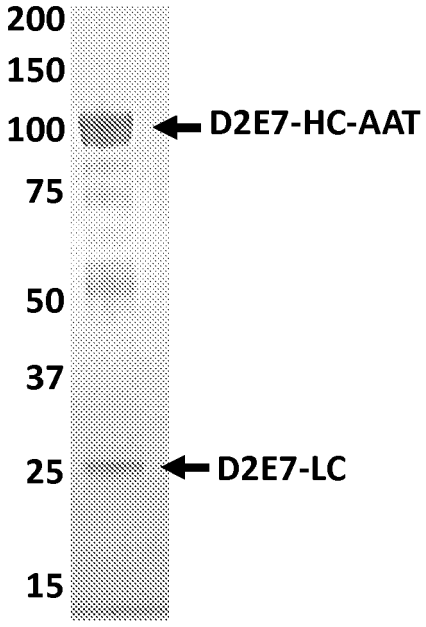


FIGURE 2C

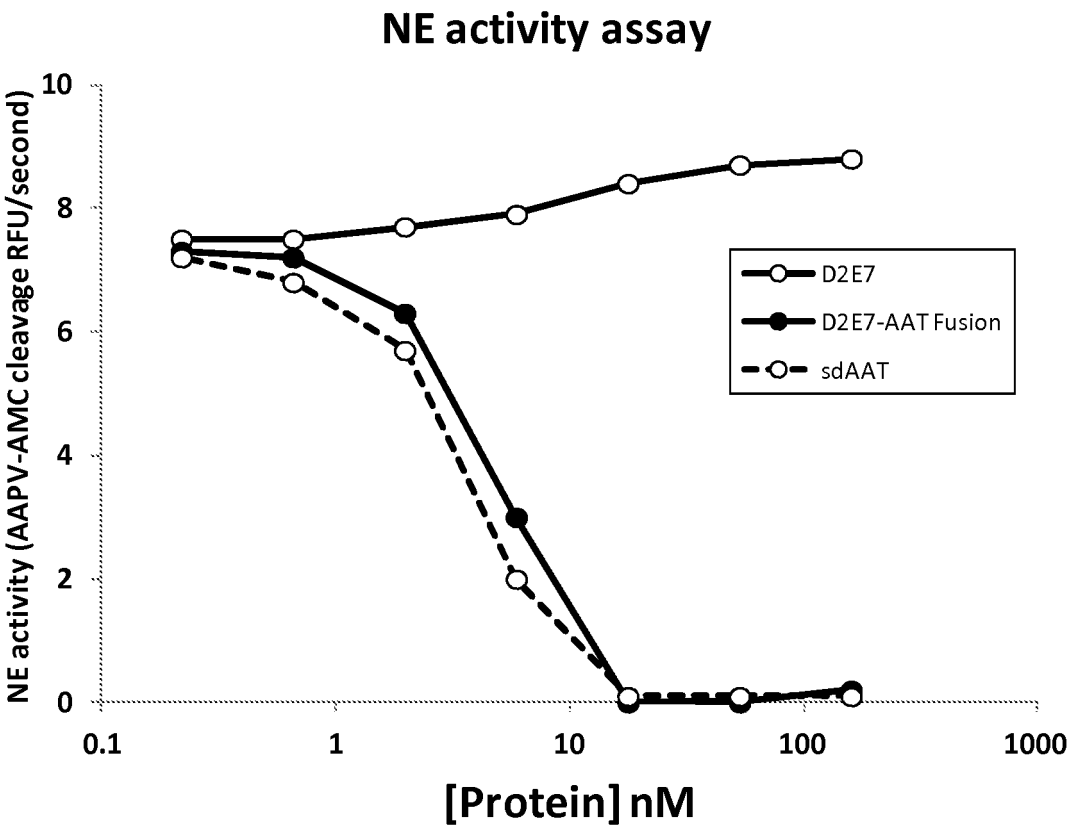


FIGURE 3A

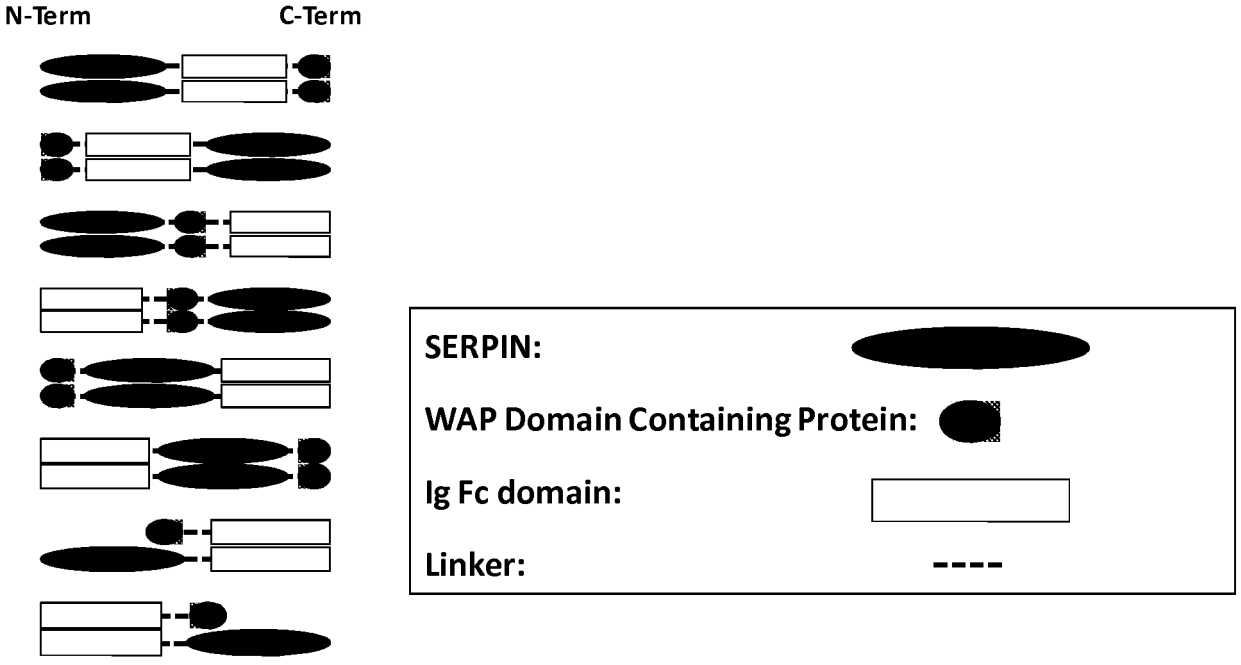


FIGURE 3B

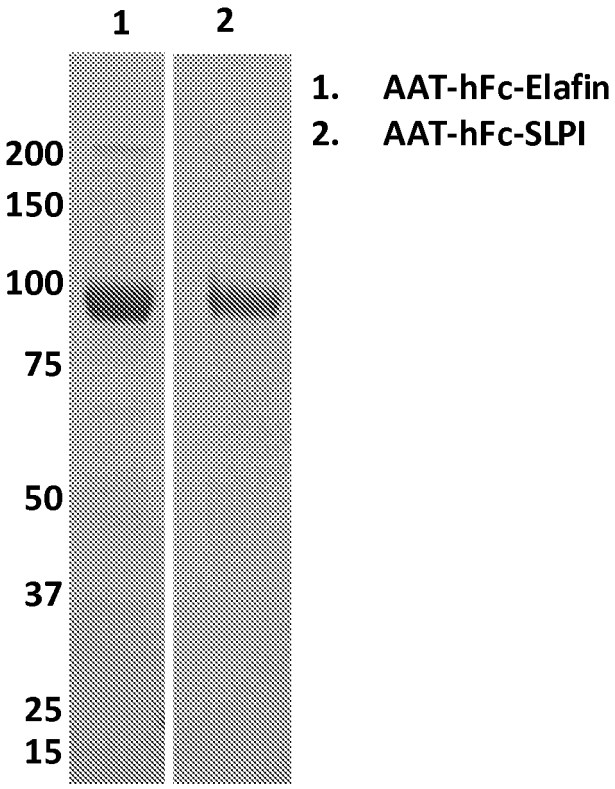


FIGURE 3C

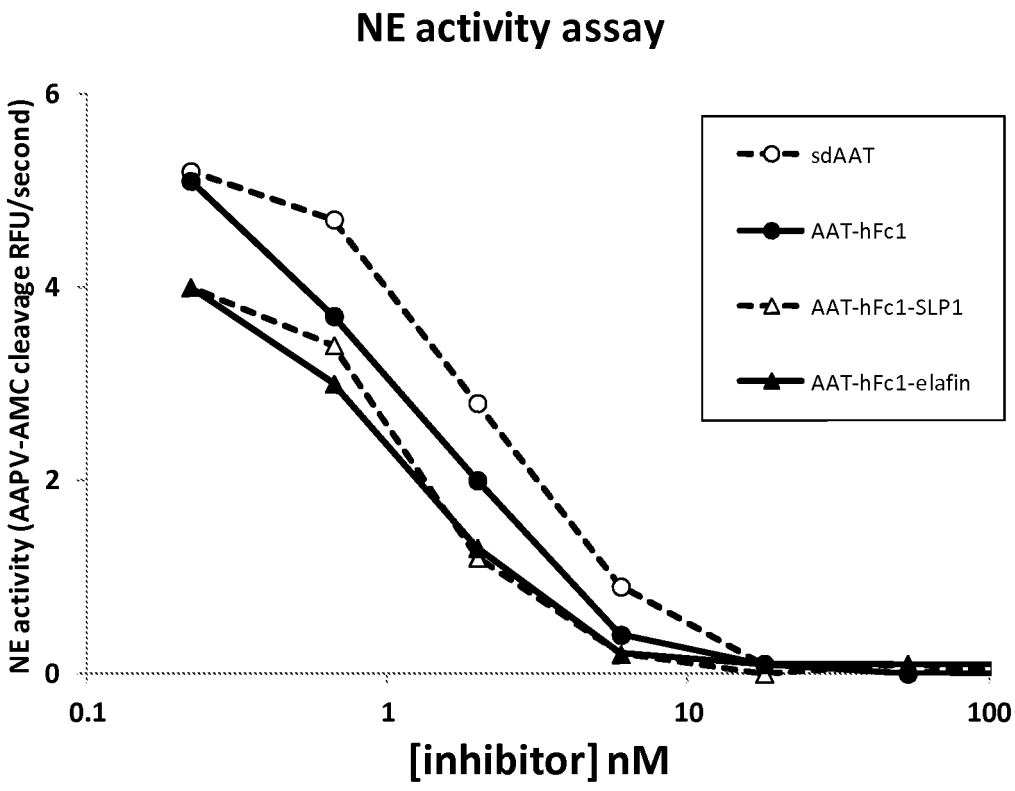


FIGURE 4A

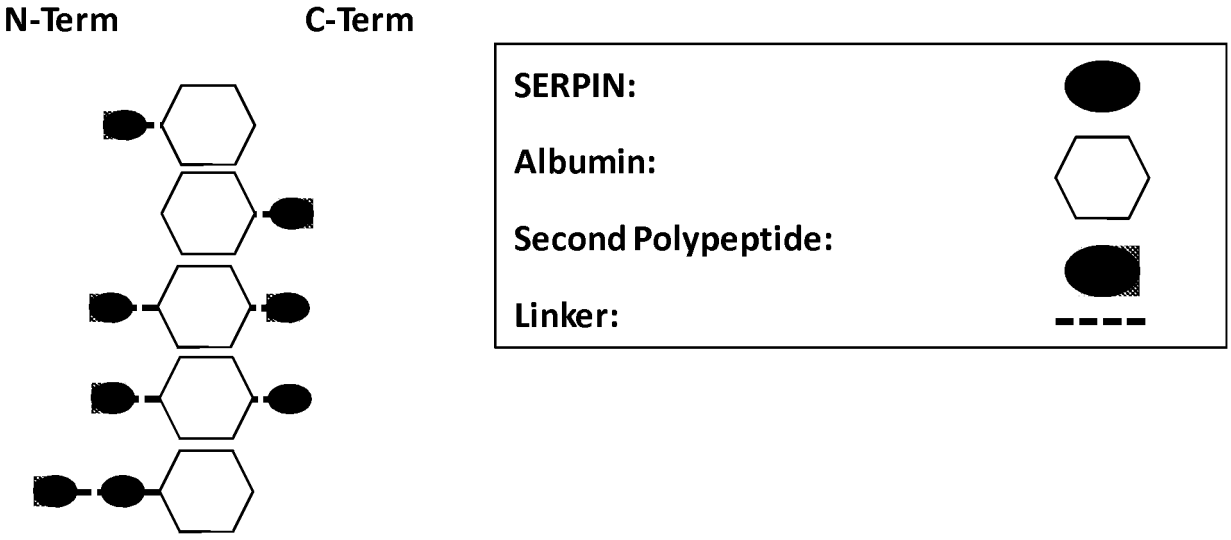


FIGURE 4B

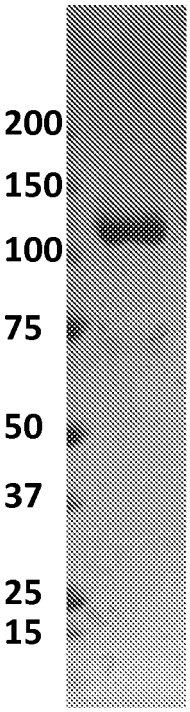
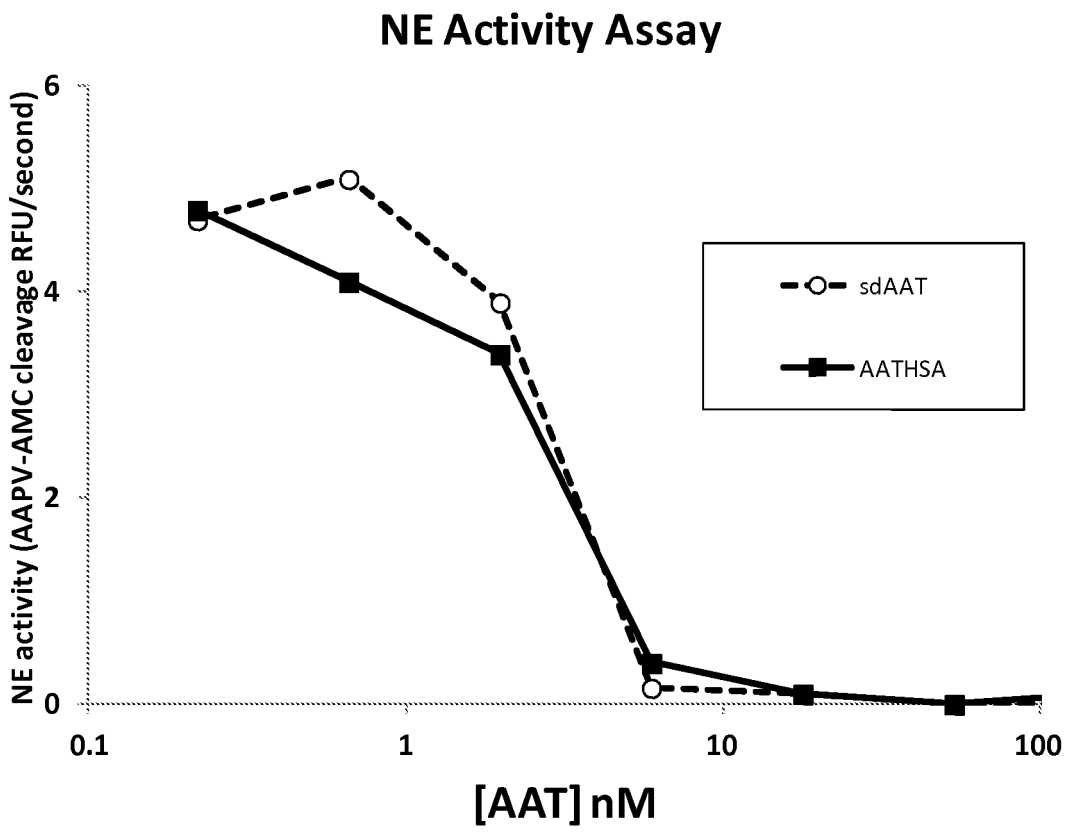


FIGURE 4C


NE Activity Assay
NE activity (AAPV-AMC cleavage RFU/second)
6
4
2
0
0.1
1
10
100
[AAT] nM
sdAAT
AATHSA