

32-8674: Recombinant Mouse Serpin F2/Alpha-2-Antiplasmin (C-Fc)

Gene : Serpinf2

Gene ID : 18816

Uniprot ID : Q61247

Description

Source: Human Cells.

MW :79.3kD.

Recombinant Mouse Serpin F2 is produced by our Mammalian expression system and the target gene encoding Val28-Lys491 is expressed with a Fc tag at the C-terminus. Alpha-2-antiplasmin, also called Serpin F2, is a serine protease inhibitor (serpin) responsible for inactivating plasmin, and an important enzyme participates in fibrinolysis and degradation of other proteins. In liver cirrhosis, there is decreased production of alpha 2-antiplasmin, leading to decreased inactivation of plasmin and an increase in fibrinolysis. Serpin F2 is major expressed on liver and kidney. Some other tissues such as muscle, intestine, central nervous system, and placenta also express Serpin F2 mRNA at a moderate level indicated that it is a key regulator of plasmin-mediated proteolysis in these tissues.

Product Info

Amount : 10 µg / 50 µg

Content : Supplied as a 0.2 µm filtered solution of 20mM Tris,150mM NaCl,pH 8.0(20% glycerol,1mM DTT).

Storage condition : Store at -20°C, stable for 6 months after receipt. Please minimize freeze-thaw cycles.

Amino Acid : VDLPGQQPVSEQAQKQLPLPALFKLDNQDFGDHATLKRSPGHCKSVPTAEETRRLAQAMMAFTTDLFSLVAQT
STSSNLVLSPLSVALALSHLALGAQNQTLHSLHRVLMNTGSCLPHLLSHFYQNLGPGTIRLAARIYLQKGFPIK
DDFLEQSERLFGAKPVKLTGKQEEDLANINQWVKEATEGKIEDFLSELPDSTVLLLLNAIHFHGFWRTKFDPSLT
QKDFHLLDERFTVSVDMMHAVSYPLRWFLLEQPEIQVAHFPPKNNMSFVVVMPTYFEWNVSEVLANTWDTL
YHPSLQERPTKVWLPKHLQQLDLVATLSQLGLQELFQGPDLRGISEQNLVSSVQHQSTMELSEAGVEAAA
ATSVAMNRMSLSSTVNRPFLLFIMEDTIGVPLFVGSVRNPNPSALPQLQEQRDSDPNRLIGQNDKADFHGGKT
FGPDLKLAPRMEEDYPQFSSPKVDDIEGRMDEPKSCDKTHTCPPCPAPELLGGPSVFLFPPKPKDTLMISRTPEV
TCVVVDVSHEDPEVKFNWYVDGVEVHNAKTKPREEQYNSTYRVVSVLTVLHQDWLNGKEYKCKVSNKALPAP
IEKTISKAKGQPREPQVYTLPPSREEMTKNQVSLTCLVKGFYPSDIAVEWESNGQPENNYKTTTPVLDSDGSFFL
YSKLTVDKSRWQQGNVVFCSVMHEALHNHYTQKSLSLSPGK

Application Note

Endotoxin : Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test.