

32-7572: Recombinant Mouse Serine Protease Inhibitor A3N/Serpin A3N (C-6His)**Gene :** Serpina3n**Uniprot ID :** Q91WP6**Description**

Source: Human Cells.

MW :45.6kD.

Recombinant Mouse Serine Protease Inhibitor A3N is produced by our Mammalian expression system and the target gene encoding Phe21-Lys418 is expressed with a 6His at the C-terminus. Serine protease inhibitor A3N(Serpin A3N) is a serine protease inhibitor that is structurally related to α_1 antichymotrypsin encoded by the SERPINA3 gene. Serpin A3N is highly expressed in brain, testis, lung, thymus, and spleen. It is expressed with low levels in bone marrow, kidney and skeletal muscle. Serpin A3N secreted by Sertoli cells may regulate the activity of locally produced Granzyme B. Granzyme B inhibition by Serpin A3N may therefore regulate Granzyme B mediated killing by cytotoxic lymphocytes, providing a means to disable cell mediated immune responses.

Product Info**Amount :** 10 μ g / 50 μ g**Content :** Supplied as a 0.2 μ m filtered solution of 20mM Tris,150mM NaCl,pH8.0.**Storage condition :** Store at -20°C, stable for 6 months after receipt. Please minimize freeze-thaw cycles.

Amino Acid : FPDGTLGMDAAVQEDHDNGTQLDSLTLASINTDFAFSLYKELVLKNPDKNIVFSPLSISAALAVMSL
GAKGNTLEEILEGLKFNLTTETSEADIHQGGFGLLQRLNQPKDQVQISTGSALFIEKRQQILTEFQEKA
KTLYQAEAFATDFQQPRQAKKLINDYVRKQTQGMKELVSDLDKRTLMLVNYIYFKAKWKVPFDP
LDTFKSEFYAGKRRPVIVPMMSMEDLTTPYFRDEELSCTVVELKYTGNASALFILPDQGRMQQVEA
SLQPETLRKWKNSLKPRMIDELHLPKFSISTDYSLEDVLSKLGIREVFSTQADLSAITGTDLRVSQV
VHKAVLDVAETGTEAAAATGVKFVPMASAKLYPLTVYFNRPFIMIFDTETETIAPFIKIANPKHHHHH
H

Application Note**Endotoxin :** Less than 0.1 ng/ μ g (1 IEU/ μ g) as determined by LAL test.