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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 a1 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 Bmediated killing by cytotoxic lymphocytes, providing a means to disable cellmediated immune responses.

Product Info

Amount : 10 µg / 50 µg
Content : Supplied as a 0.2 µm 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 : FPDGTLGMDAAVQEDHDNGTQLDSLTLASINTDFAFSLYKELVLKNPDKNIVFSPLSISAALAVMSLGAKGNTLE EILEGLKFNLTETSEADIHQGFGHLLQRLNQPKDQVQISTGSALFIEKRQQILTEFQEKAKTLYQAEAFTADFQQP RQAKKLINDYVRKQTQGMIKELVSDLDKRTLMVLVNYIYFKAKWKVPFDPLDTFKSEFYAGKRRPVIVPMMSME DLTTPYFRDEELSCTVVELKYTGNASALFILPDQGRMQQVEASLQPETLRKWKNSLKPRMIDELHLPKFSISTDY SLEDVLSKLGIREVFSTQADLSAITGTKDLRVSQVVHKAVLDVAETGTEAAAATGVKFVPMSAKLYPLTVYFNRP FLIMIFDTETEIAPFIAKIANPKHHHHHH

Application Note

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

For Research Use Only. Not for use in diagnostic/therapeutics procedures.