

## Product datasheet for **TP726840**

### Mouse Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant Mouse Serine Protease Inhibitor A3N/Serpin A3N (C-6His)
Species:	Mouse
Expression cDNA Clone or AA Sequence:	Phe21-Lys418
Tag:	C-His
Buffer:	Supplied as a 0.2 um filtered solution of 20mM Tris-HCl, 150mM NaCl, pH 8.0 .
Note:	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 tag at the C-terminus.
Stability:	12 months from date of despatch
Summary:	Serine protease inhibitor A3N(Serpin A3N) is a serine protease inhibitor that is structurally related to $\alpha_1$ 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.



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