

Recombinant Mouse Serpin A3N Protein (His Tag)

Catalog Number:PKSM041279



Note: Centrifuge before opening to ensure complete recovery of vial contents.

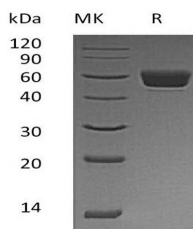
Description

Synonyms	Serine protease inhibitor A3N;Serpin A3N;Serpina3n;Spi2
Species	Mouse
Expression Host	HEK293 Cells
Sequence	Phe21-Lys418
Accession	Q91WP6
Calculated Molecular Weight	45.6 kDa
Observed molecular weight	58 kDa
Tag	C-His

Properties

Purity	> 95 % as determined by reducing SDS-PAGE.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method.
Storage	Store at < -20°C, stable for 6 months. Please minimize freeze-thaw cycles.
Shipping	This product is provided as liquid. It is shipped at frozen temperature with blue ice/gel packs. Upon receipt, store it immediately at < - 20°C.
Formulation	Supplied as a 0.2 µm filtered solution of 20mM Tris-HCl, 150mM NaCl, pH 8.0.
Reconstitution	Not Applicable

Data



> 95 % as determined by reducing SDS-PAGE.

Background

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.

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