

Product datasheet for **TP726847**

Serpina1a Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant Mouse Alpha-1-antitrypsin 1-1/Serpin A1a (C-6His)
Species:	Mouse
Expression cDNA Clone or AA Sequence:	Glu25-Lys413
Tag:	C-His
Buffer:	Supplied as a 0.2 um filtered solution of 20mM Tris-HCl, 150mM NaCl, pH 8.0.
Note:	Recombinant Mouse Alpha-1-antitrypsin 1-5 is produced by our Mammalian expression system and the target gene encoding Glu25-Lys413 is expressed with a 6His tag at the C-terminus.
Stability:	12 months from date of despatch
Locus ID:	20700
UniProt ID:	P07758
Summary:	Alpha-1-antitrypsin 1-5(SERPIN A1) is a secreted protein and belongs to the serpin family. Serpins bind the protease active site resulting in a major conformational rearrangement that traps the enzyme in a covalent acyl-enzyme intermediate. Mouse SERPIN A1 is a serine protease inhibitor whose targets include elastase, plasmin, thrombin, trypsin, chymotrypsin, and plasminogen activator. Defects in this gene can cause emphysema or liver disease. Several transcript variants encoding the same protein have been found for this gene.



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