

Product datasheet for **TP727218**

SERPINI2 Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant Human Serpin I2 (C-6His)
Species:	Human
Expression cDNA Clone or AA Sequence:	Ser19-Leu405
Tag:	C-His
Buffer:	Lyophilized from a 0.2 um filtered solution of 20mM PB, 150mM NaCl, pH 7.4.
Note:	Recombinant Human Serine Protease Inhibitor-clade I2 is produced by our Mammalian expression system and the target gene encoding Ser19-Leu405 is expressed with a 6His tag at the C-terminus.
Storage:	Lyophilized protein should be stored at < -20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 4-7°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.
Stability:	12 months from date of despatch
Locus ID:	5276
UniProt ID:	O75830
Synonyms:	SERPINI2;Serpine I2;Myoepithelium-derived serine protease inhibitor;Pancreas-specific protein TSA2004;Peptidase inhibitor 14;PI-14;MEPI;PI14
Summary:	SERPINI2 is a secreted protein of the serpin family. Serpins are a group of proteins with similar structures that were first identified as a set of proteins able to inhibit proteases. As protease inhibitors, serpins have an array of functions including regulating blood coagulation, fibrinolysis, the complement pathway, angiogenesis, inflammation, tumor suppression, extracellular matrix remodeling, and cell motility. SERPINI2 is expressed in human tissues including pancreas and adipose tissues. Mutations of human SERPINI2 can directly result in conditions such as acinar cell apoptosis and malabsorption.
Protein Families:	Druggable Genome, Secreted Protein



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