

Product datasheet for **TP505822**

Serpinb5 (NM_009257) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse serine (or cysteine) peptidase inhibitor, clade B, member 5 (Serpinb5), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR205822 protein sequence Red =Cloning site Green =Tags(s)
	<p>MDALRLANSFAVDLQKLCERDPAGNILFSPICLSTLSLAQVGTGKGDANEIGQVLHFENVKDVDPFGF QTVTSDVNLSSFYSLKLVKRLYIDKSLNPSTEFISSTKRPYAKELETVDFDKLEETKGQINSSIKELT DGHFEDILSENSISDQTKILVVNAAYFVGKWMKKFPESETKECFRISKTDTKPVQMMNLEATFCLGNID DISCKIIELPFQNKHLSMLIVLPKDVEDESTGLEKIEQQLNPETLLQWTNPSTMANAKVKLSLPKFKVEK MIDPKASLESLGLKSLFNSTDFSGMSETKGVSLSNVIHRVCLEITEDGGESIEVPGSRILQHKDEFNA DHPFIYIIRHNKTRNIIFFGKFCSP</p> <p>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</p>
Tag:	C-MYC/DDK
Predicted MW:	42.1 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C after receiving vials.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	NP_033283
Locus ID:	20724
UniProt ID:	P70124



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RefSeq Size:	2565
Cytogenetics:	1 E2.1
RefSeq ORF:	1128
Synonyms:	1110036M19Rik; AI462524; AI646751; Maspin; ovalbumin; PI-5; Spi7
Summary:	Tumor suppressor. It blocks the growth, invasion, and metastatic properties of mammary tumors. As it does not undergo the S (stressed) to R (relaxed) conformational transition characteristic of active serpins, it exhibits no serine protease inhibitory activity (By similarity). [UniProtKB/Swiss-Prot Function]