

Product datasheet for **TP324287L**

MASPIN (SERPINB5) (NM_002639) Human Recombinant Protein

Product data:

Product Type: Recombinant Proteins
Description: Recombinant protein of human serpin peptidase inhibitor, clade B (ovalbumin), member 5 (SERPINB5), 1 mg

Species: Human

Expression Host: HEK293T

Expression cDNA Clone or AA Sequence: >RC224287 representing NM_002639
Red=Cloning site **Green**=Tags(s)

MDALQLANSFAVDLDFKQLCEKEPLGNVLFSPICLSTLSLSLAQVGAKGDTANEIGQVLHFENVKDVPPFGF
QTVTSDVNLSSFYSLKLIKRLYVDKSLNLSTEFISSTKRPYAKELETVDFDKLEETKGQINNSIKDLT
DGHFENILADNSVNDQTKILVVNAAYFVGKWMKKFPESETKECFRVNKTDTKPVQMMNMEATFCMGNID
SINCKIIELPFQNKHLSMFILLPKDVEDESTGLEKIEKQLNSELSQWTPSTMANAKVKLSIPKFKVEK
MIDPKACLNLGLKHIFSEDTSDFGMSETKGVALSNVVKVCLEITEDGGDSIEVPGARILQHKDELNA
DHPFIYIIRHNKTRNIIFFGKFCSP

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag: C-Myc/DDK

Predicted MW: 41.9 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

Preparation: Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.

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.

Stability: Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.

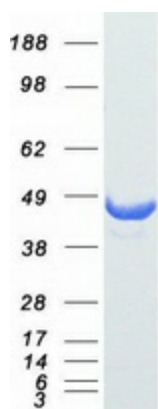
RefSeq: [NP_002630](#)



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Locus ID:	5268
UniProt ID:	P36952 , A0A024R2B6
RefSeq Size:	2558
Cytogenetics:	18q21.33
RefSeq ORF:	1125
Synonyms:	maspin; PI5
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. [UniProtKB/Swiss-Prot Function]
Protein Families:	Druggable Genome, Secreted Protein
Protein Pathways:	p53 signaling pathway

Product images:



Coomassie blue staining of purified SERPINB5 protein (Cat# [TP324287]). The protein was produced from HEK293T cells transfected with SERPINB5 cDNA clone (Cat# [RC224287]) using MegaTran 2.0 (Cat# [TT210002]).