

Maspin (SerpB5) Active Protein | SERPINB5 active protein

Recombinant Human Maspin (SerpB5)

CATALOG #
AAA214304

HOST
E Coli

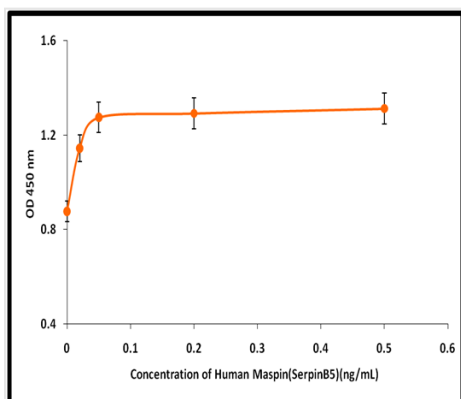
PRODUCT SYNONYMS

Maspin (SerpB5); Recombinant Human Maspin (SerpB5); Maspin; Peptidase inhibitor 5; SERPINB5 active protein

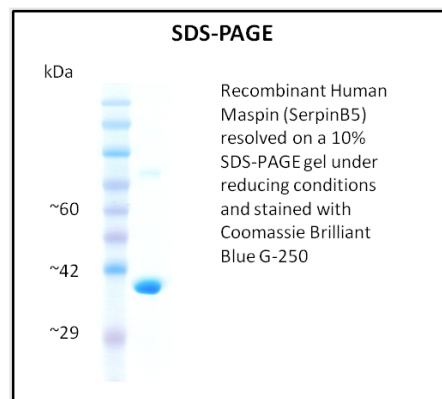
PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	>95% as determined by SDS-PAGE
Form/Format	Lyophilized Powder
Sequence Length	375
Bioactivity	The ED(50) was determined by the dose-dependent proliferation of MDA-MB-468 cells and was found to be <0.05ng/mL.
Endotoxin Level	<1.0 EU/ug of recombinant protein as determined by the LAL method
Preparation and Storage	The lyophilized protein is stable for at least one year from date of receipt at -70 degree C. Upon reconstitution, this cytokine can be stored in working aliquots at 2-8 degree C for one month, or at -20 degree C for six months, with a carrier protein without detectable loss of activity. Avoid repeated freeze/thaw cycles.

IMAGES



Application Data



Application Data

ADDITIONAL INFORMATION

Related Product Information for SERPINB5 active protein

Mammary serine protease inhibitor (Maspin) is a non-inhibitory tumor suppressor serpin that is encoded by the SERPINB5 gene. Playing an important role in embryonic development in cell adhesion, Maspin has the ability to suppress the growth, invasion, and metastasis of breast and lung tumors. However, Maspin does not exhibit any serine protease inhibitor activity since it does not undergo the conformational transition from stressed to relaxed found in typical serpins. It is expressed in normal breast and prostatic epithelial cells, but downregulated in most breast carcinoma.

NCBI AND UNIPROT INFORMATION

NCBI GI #	167860126
NCBI GeneID	5268
NCBI Accession #	NP_002630.2
NCBI GenBank Nucleotide #	NP_002630.2
UniProt Accession #	P36952
Molecular Weight	42.3 kDa
NCBI Official Full Name	serpin B5
NCBI Official Synonym Full Names	serpin family B member 5
NCBI Official Symbol	SERPINB5
NCBI Official Synonym Symbols	PI5; maspin
NCBI Protein Information	serpin B5
UniProt Protein Name	Serpin B5
UniProt Gene Name	SERPINB5
UniProt Synonym Gene Names	PI5; PI-5
UniProt Entry Name	SPB5_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/e-coli-active-protein/maspin-serpinb5/214304>