Recombinant Human SERPINB5

Cat. No. SERPINB5-29133TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant fragment corresponding to amino acids 1-200 of human MASPIN with tag, 48kda.
Species	Human
Source	E.coli
ProteinLength	1-200 a.a.
Description	Maspin is a serpin and tumor suppressor gene.
Tissue specificity	Normal mammary epithelial cells.
Form	Liquid
Purity	>95% by SDS-PAGE
Storage buffer	Preservative: NoneConstituents: 20% Glycerol, 50mM Tris acetate, 1mM EDTA, pH 7.5
Storage	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
Sequence Similarities	Belongs to the serpin family. Ov-serpin subfamily.

GENE INFORMATION

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Gene Name	SERPINB5 serpin peptidase inhibitor, clade B (ovalbumin), member 5 [Homo sapiens]
Official Symbol	SERPINB5
Synonyms	SERPINB5; serpin peptidase inhibitor, clade B (ovalbumin), member 5; PI5, serine (or cysteine) proteinase inhibitor, clade B (ovalbumin), member 5; serpin B5; maspin; protease inhibitor 5 (maspin);
Gene ID	5268
mRNA Refseq	NM_002639
Protein Refseq	NP_002630
MIM	154790
Uniprot ID	P36952
Chromosome Location	18q21.3
Pathway	ATF-2 transcription factor network, organism-specific biosystem; Direct p53 effectors, organism-specific biosystem; p53 signaling pathway, organism-specific biosystem; p53 signaling pathway, conserved biosystem;
Function	protein binding; serine-type endopeptidase inhibitor activity;

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