Recombinant Human SERPINB13 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. SERPINB13-2706H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	SERPINB13 MS Standard C13 and N15-labeled recombinant protein (NP_036529) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	The protein encoded by this gene is a member of the serpin family of serine protease inhibitors. The encoded protein inhibits the activity of cathepsin K and is itself transcriptionally repressed by RUNX1. This gene is downregulated in many types of cancer.
Molecular Mass	44.3 kDa
AA Sequence	MDSLGAVSTRLGFDLFKELKKTNDGNIFFSPVGILTAIGMVLLGTRGATASQLEEVFH SEKETKSSRIKAEEKEVIENTEAVHQQFQKFLTEISKLTNDYELNITNRLFGEKTYLFL QKYLDYVEKYYHASLEPVDFVNAADESRKKINSWVESKTNEKIKDLFPDGSISSSTKL VLVNMVYFKGQWDREFKKENTKEEKFWMNKSTSKSVQMMTQSHSFSFTFLEDLQA KILGIPYKNNDLSMFVLLPNDIDGLEKIIDKISPEKLVEWTSPGHMEERKVNLHLPRFE VEDGYDLEAVLAAMGMGDAFSEHKADYSGMSSGSGLYAQKFLHSSFVAVTEEGTE AAAATGIGFTVTSAPGHENVHCNHPFLFFIRHNESNSILFFGRFSSPTRTRPLEQKLIS EEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining

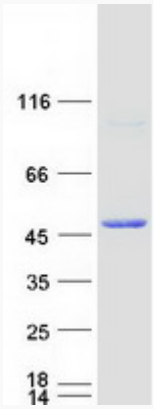
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Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 μg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name	SERPINB13 serpin family B member 13 [Homo sapiens (human)]
Official Symbol	SERPINB13
Synonyms	SERPINB13; serpin peptidase inhibitor, clade B (ovalbumin), member 13; PI13, serine (or cysteine) proteinase inhibitor, clade B (ovalbumin), member 13; serpin B13; headpin; HUR7; hurpin; PI-13; HURPIN; peptidase inhibitor 13; proteinase inhibitor 13; haCaT UV-repressible serpin; UV-B repressed sequence, HUR 7; protease inhibitor 13 (hurpin, headpin); serine (or cysteine) proteinase inhibitor, clade B (ovalbumin), member 13; PI13; HSHUR7SEQ; MGC126870;
Gene ID	5275
mRNA Refseq	NM_012397
Protein Refseq	NP_036529
MIM	604445
UniProt ID	Q9UIV8

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SDS-PAGE	

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