

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

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

### SPECIFICATION

<b>Product Overview</b>	SERPINB13 MS Standard C13 and N15-labeled recombinant protein (NP_036529) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
<b>Species</b>	Human
<b>Source</b>	HEK293
<b>Description</b>	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.
<b>Molecular Mass</b>	44.3 kDa
<b>AA Sequence</b>	MDSLGAVSTRLGFDLFKELKKTNDGNIFFSPVGILTAIGMVLLGTRGATASQLEEVFH SEKETKSSRIKAEKEVIENTEAVHQFQKFLTEISKLTNDYELNITNRLFGEKTYLFL QKYLDYVEKYYHASLEPVDVFNAADESRRKINSWVESKTNEKIKDLFPDGSISSSTKL VLVNMVYFKGQWDREFKENTKEEFWMMNKSTSKSVQMMTQSHSFSFTFLEDLQA KILGIPYKNNDLMSFVLLPNDIDGLEKIIDKISPEKLVWTSPGHMEERKVNHLHLPFE VEDGYDLEAVLAAMGMGDAFSEHKADYSGMSSGSLYAQKFLHSSFVAVTEEGTE AAAATGIGFTVTSAPGHENVHCNHPFLFFIRHNESNSILFFGRFSSPTRTRPLEQKLIS EEDLAANDILDYKDDDDKV
<b>Purity</b>	> 80% as determined by SDS-PAGE and Coomassie blue staining

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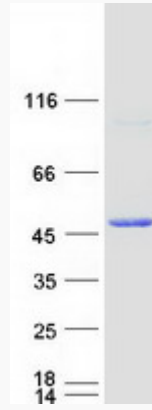
<b>Stability</b>	Stable for 3 months from receipt of products under proper storage and handling conditions.
<b>Storage</b>	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
<b>Concentration</b>	50 µg/mL as determined by BCA
<b>Storage Buffer</b>	100 mM glycine, 25 mM Tris-HCl, pH 7.3.
<b>GENE INFORMATION</b>	
<b>Gene Name</b>	SERPINB13 serpin family B member 13 [ Homo sapiens (human) ]
<b>Official Symbol</b>	SERPINB13
<b>Synonyms</b>	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;
<b>Gene ID</b>	5275
<b>mRNA Refseq</b>	NM_012397
<b>Protein Refseq</b>	NP_036529
<b>MIM</b>	604445
<b>UniProt ID</b>	Q9UIV8

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**SDS-PAGE**



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