

Recombinant Human SERPINB5 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. SERPINB5-1755H **Lot. No.** (See product label)

SPECIFICATION

Product Overview

SERPINB5 MS Standard C13 and N15-labeled recombinant protein (NP_002630) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.

Species

Human

Source

HEK293

Description

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.

Molecular Mass

41.9 kDa

AA Sequence

MDALQLANSFAVDLFLKQLCEKEPLGNVLFSPICLSTSLSLAQVGAKGDTANEIGQVL
 HFENVKDVPPGFQTVTSDVNLSSFYSLKLIKRLYVDKSLNLSTEFISSTKRPYAKELE
 TVDFKDKLEETKGQINNSIKDLTDGHFENILADNSVNDQTKILVVNAAYFVGKWMKKF
 PESETKECPFRVNKTDTKPVQMMNMEATFCMGNIDSINCKIIELPFQNKHLMSFILLP
 KDVEDESTGLEKIEKQLNSELSQWTNPSTMANAKVKLSIPKFKVEKMIDPKACLENL
 GLKHIFSEDTSDFGMSETKGVALSNVVHKVCLEITEDGGDSIEVPGARILQHKDELN
 ADHPFIYIIRHNKTRNIIFFGKFCSPTRTRPLEQKLISEEDLAANDILDYKDDDDKV

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

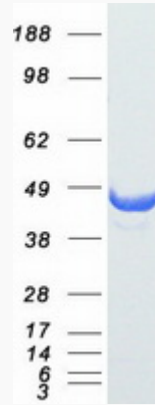
Gene Name	SERPINB5 serpin family B member 5 [Homo sapiens (human)]
Official Symbol	SERPINB5
Synonyms	SERPINB5; serpin peptidase inhibitor, clade B (ovalbumin), member 5; PI5, serine (or cysteine) proteinase inhibitor, clade B (ovalbumin), member 5; serpin B5; maspin; protease inhibitor 5 (maspin); PI-5; peptidase inhibitor 5; serine (or cysteine) proteinase inhibitor, clade B (ovalbumin), member 5; PI5;
Gene ID	5268
mRNA Refseq	NM_002639
Protein Refseq	NP_002630
MIM	154790
UniProt ID	P36952

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SDS-PAGE



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