

Recombinant Human SERPINE2 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. SERPINE2-4350H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	SERPINE2 MS Standard C13 and N15-labeled recombinant protein (NP_006207) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	This gene encodes a member of the serpin family of proteins, a group of proteins that inhibit serine proteases. Thrombin, urokinase, plasmin and trypsin are among the proteases that this family member can inhibit. This gene is a susceptibility gene for chronic obstructive pulmonary disease and for emphysema. Alternative splicing results in multiple transcript variants.
Molecular Mass	44 kDa
AA Sequence	MNWHLPLFLLASVTLPSCSHFNPLSLEELGSNTGIQVFNQIVKSRPHDNIVISPHGIA SVLGMLQLGADGRTRKKQLAMVMRYGVNGVGKILKKINKAIVSKKNKDIVTVANAVFV KNASEIEVPFVTRNKDVFQCEVRNVNFEDPASACDSINAWVKNETRDMIDNLLSPDL IDGVLTRLVLVNAVYFKGLWKSRLFQNPENTKKRTFVAADGKSYQVPMLAQLSVFRCG STSAPNDLWYNFIELPYHGESISMLIALPTESSTPLSAIPHISTKTIDSWMSIMVPKRV QVILPKFTAVAQTDLKEPLKVLGITDMFDSSKANFAKITTGSENLHVSHILQKAKIEVS EDGTKASAATTAILIARSSPPWFIVDRPFLFFIRHNPTGAVLFMGQINKPTRTRPLEQK LISEEDLAANDILDYKDDDDKV

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Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
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	SERPINE2 serpin family E member 2 [Homo sapiens (human)]
Official Symbol	SERPINE2
Synonyms	SERPINE2; serpin peptidase inhibitor, clade E (nexin, plasminogen activator inhibitor type 1), member 2; PI7, serine (or cysteine) proteinase inhibitor, clade E (nexin, plasminogen activator inhibitor type 1), member 2; glia-derived nexin; GDN; glial derived nexin 1; nexin; PN1; PNI; serpin E2; protease nexin I; peptidase inhibitor 7; glial-derived neurite promoting factor; PI7; PI-7; PN-1; DKFZp686A13110;
Gene ID	5270
mRNA Refseq	NM_006216
Protein Refseq	NP_006207
MIM	177010

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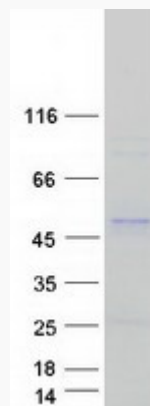
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UniProt ID

P07093

SDS-PAGE

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