

Recombinant Human SERPINI2 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. SERPINI2-4961H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	SERPINI2 MS Standard C13 and N15-labeled recombinant protein (NP_006208) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	The gene encodes a member of a family of proteins that acts as inhibitors of serine proteases. These proteins function in the regulation of a variety of physiological processes, including coagulation, fibrinolysis, development, malignancy, and inflammation. Expression of the encoded protein may be downregulated during pancreatic carcinogenesis. Alternative splicing results in multiple transcript variants for this gene.
Molecular Mass	47.4 kDa
AA Sequence	MIQNLMREVKMDTIFLWSLLLLFFGSQASRCSAQKNTEFAVDLYQEVSLSHKDNIIIFS PLGITLVLEMVQLGAKGKAQQQIRQTLKQQETSAGEEFFVLKSFFSAISEKKQEFTFN LANALYLQEGFTVKEQYLHGNKEFFQSAIKLVDFQDAKACAEMISTWVERKTDGKIK DMFSGEEFGPLTRLVLVNAIYFKGDWKQKFRKEDTQLINFTKKNGSTVKIPMMKALL RTKYGYFSESSLNYQVLELSYKGDEFSLIILPAEGMDIEEVEKLITAQQILKWLSEMQ EEEEVEISLPRFKVEQKVDFKDVLYSLNITEIFSGGCDLSGITDSSEVYVSQVTQKVFFE INEDGSEAATSTGIHIPVIMSLAQSQFIANHPFLFIMKHNPTEISILFMGRVTNPDTQEIK

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GRDLDSLTRTRPLEQKLISEEDLAANDILDYKDDDDKV

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	SERPINI2 serpin family I member 2 [Homo sapiens (human)]
Official Symbol	SERPINI2
Synonyms	SERPINI2; serpin peptidase inhibitor, clade I (pancpin), member 2; PI14, serine (or cysteine) proteinase inhibitor, clade I (neuroserpin), member 2, serine (or cysteine) proteinase inhibitor, clade I (pancpin), member 2; serpin I2; MEPI; PANCPIN; pancpin; TSA2004; PI-14; protease inhibitor 14; peptidase inhibitor 14; pancreas-specific protein TSA2004; myoepithelium-derived serine protease inhibitor; serine (or cysteine) proteinase inhibitor, clade I (pancpin), member 2; serine (or cysteine) proteinase inhibitor, clade I (neuroserpin), member 2; PI14;
Gene ID	5276
mRNA Refseq	NM_006217

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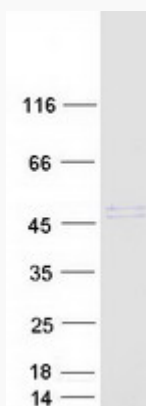
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Protein Refseq NP_006208

MIM 605587

UniProt ID O75830

SDS-PAGE



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