

Recombinant Human SERPINA10 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. SERPINA10-3862H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	SERPINA10 MS Standard C13 and N15-labeled recombinant protein (NP_057270) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	The protein encoded by this gene belongs to the serpin family. It is predominantly expressed in the liver and secreted in plasma. It inhibits the activity of coagulation factors Xa and XIa in the presence of protein Z, calcium and phospholipid. Mutations in this gene are associated with venous thrombosis. Alternatively spliced transcript variants have been found for this gene.
Molecular Mass	50.5 kDa
AA Sequence	MKVVPSSLLSVLLAQVWLVPGLAPSPQSPETPAPQNQTSRVVQAPKEEEEDEQEAS EEKASEEEKAWLMASRQQLAKETSNFGFSLLRKISMRHDGNMVFSPFGMSLAMTG LMLGATGPTETQIKRGLHLQALKPTKPGLLPSLFLKGLRETLNRNLELGLTQGSFAFIH KDFDVKETFFNLSKRYFDTECVPMNFRNASQAKRLMNHYINKETRGKIPKLFDEINP ETKLILVDYILFKGKWLTPFDPVFTEVDTFHLDKYKTIKVPMMYGAGKFASTFDKNFR CHVLKLPYQGNATMLVVLMEKMGDHLALEDYLTDDLVTWLRNMKTRNMEVFFPKF KLDQKYEMHELLRQMGIRRIFFSPFADLSELSATGRNLQVSRVLQRTVIEVDERGTEA VAGILSEITAYSMPPVIKVDPRPFHFMIEETSGMILLGRVNNPTLLTRTRPLEQKLIS

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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	SERPINA10 serpin family A member 10 [Homo sapiens (human)]
Official Symbol	SERPINA10
Synonyms	SERPINA10; serpin peptidase inhibitor, clade A (alpha-1 antiproteinase, antitrypsin), member 10; serine (or cysteine) proteinase inhibitor, clade A (alpha 1 antiproteinase, antitrypsin), member 10; protein Z-dependent protease inhibitor; PZI; ZPI; serpin A10; PZ-dependent protease inhibitor; serine (or cysteine) proteinase inhibitor, clade A (alpha-1 antiproteinase, antitrypsin), member 10;
Gene ID	51156
mRNA Refseq	NM_016186
Protein Refseq	NP_057270

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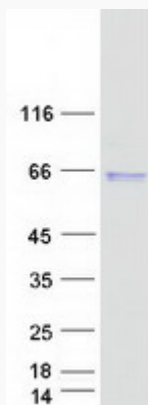
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MIM 605271

UniProt ID Q9UK55

SDS-PAGE



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