Recombinant Human SERPINA12 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. SERPINA12-1186H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	SERPINA12 MS Standard C13 and N15-labeled recombinant protein (NP_776249) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	SERPINA12 (Serpin Family A Member 12) is a Protein Coding gene. Diseases associated with SERPINA12 include Carotid Stenosis and Body Mass Index Quantitative Trait Locus 11. Among its related pathways are Common Cytokine Receptor Gamma-Chain Family Signaling Pathways. Gene Ontology (GO) annotations related to this gene include serine-type endopeptidase inhibitor activity. An important paralog of this gene is SERPINA1.
Molecular Mass	47.2 kDa
AA Sequence	MNPTLGLAIFLAVLLTVKGLLKPSFSPRNYKALSEVQGWKQRMAAKELARQNMDLG FKLLKKLAFYNPGRNIFLSPLSISTAFSMLCLGAQDSTLDEIKQGFNFRKMPEKDLHE GFHYIIHELTQKTQDLKLSIGNTLFIDQRLQPQRKFLEDAKNFYSAETILTNFQNLEMA QKQINDFISQKTHGKINNLIENIDPGTVMLLANYIFFRARWKHEFDPNVTKEEDFFLEK NSSVKVPMMFRSGIYQVGYDDKLSCTILEIPYQKNITAIFILPDEGKLKHLEKGLQVDT FSRWKTLLSRRVVDVSVPRLHMTGTFDLKKTLSYIGVSKIFEEHGDLTKIAPHRSLKV GEAVHKAELKMDERGTEGAAGTGAQTLPMETPLVVKIDKPYLLLIYSEKIPSVLFLGKI

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	VNPIGKTRTRPLEQKLISEEDLAANDILDYKDDDDKV
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	SERPINA12 serpin family A member 12 [Homo sapiens (human)]
Official Symbol	SERPINA12
Synonyms	SERPINA12; serpin peptidase inhibitor, clade A (alpha-1 antiproteinase, antitrypsin), member 12; serine (or cysteine) proteinase inhibitor, clade A (alpha 1 antiproteinase, antitrypsin), member 12; serpin A12; OL 64; Vaspin; vaspin; visceral adipose-specific SERPIN; visceral adipose tissue-derived serine protease inhibitor; serine (or cysteine) proteinase inhibitor, clade A (alpha-1 antiproteinase, antitrypsin), member 12; OL-64;
Gene ID	145264
mRNA Refseq	NM_173850
Protein Refseq	NP_776249

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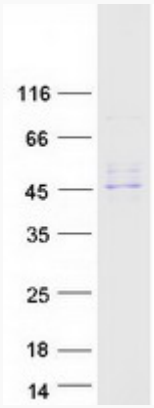
MIM	617471
UniProt ID	Q8IW75
SDS-PAGE	

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