Recombinant Human SERPINA12 Full Length protein, His-tagged

Cat. No. SERPINA12-3931H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human SERPINA12 Full Length protein(NP_776249.1) (Met 1-Lys 414) was expressed in HEK293, with a polyhistidine tag at the C-terminus.
Species	Human
Source	HEK293
ProteinLength	1-414 aa
Form	Lyophilized from sterile PBS, pH 7.4.
Molecular Mass	The recombinant human SERPINA12 consists of 405 amino acids and predictes a molecular mass of 46.5 kDa. In SDS-PAGE under reducing conditions, the apparent molecular mass of rh SERPINA12 is approximately 50-55 kDa due to glycosylation.
Endotoxin	< 1.0 EU per μg of the protein as determined by the LAL method.
Purity	> 97 % as determined by SDS-PAGE
Storage	Store it under sterile conditions at -20°C to -80°C upon receiving. Recommend to aliquot the protein into smaller quantities for optimal storage. Avoid repeated freeze-thaw cycles.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of

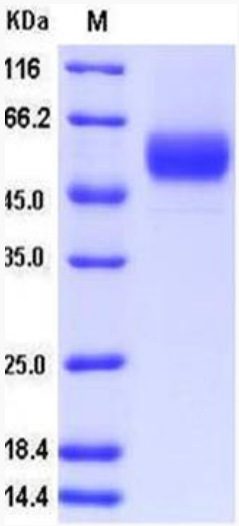
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	0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name	SERPINA12 serpin peptidase inhibitor, clade A (alpha-1 antiproteinase, antitrypsin), member 12 [Homo sapiens]
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
UniProt ID	Q8IW75

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SDS-PAGE	

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