

Recombinant Human SERPINA12 Protein, Met1-Lys414, C-DDK and His tagged

Cat. No. SERPINA12-005H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human SERPINA12 Protein (Met1-Lys414) with C-DDK and His tag was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	Met1-Lys414
Description	Visceral adipose tissue-derived serpin (Vaspin) aka SerpinA12 is an adipokine originally isolated from visceral adipose tissue and is a member of the Serpin family of serine protease inhibitors. Increased levels of vaspin are observed in obesity as well as type 2 diabetes and its expression positively correlates to body mass index and insulin sensitivity.
Form	Lyophilized
Molecular Mass	Predicted Molecular Mass: 45.1kDa SDS-PAGE: 56kDa, reducing conditions
Purity	> 95% as analyzed by SDS-PAGE
N-terminal Sequence Analysis	Leu21 predicted

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Applications	ELISA and Western Blot Analysis
Notes	For Research Use Only.
Storage	2 years at -20 to -80 centigrade as supplied. 1 month at 4 centigrade after reconstitution with preservative. 1 year at -20 to -80 centigrade after reconstitution.
Storage Buffer	Lyophilized from 1×PBS with Trelahose
Shipping	Ambient
Reconstitution	Reconstitute at 50 µg/mL in sterile PBS containing at least 0.1% protein

GENE INFORMATION

Gene Name	SERPINA12 serpin peptidase inhibitor, clade A (alpha-1 antiproteinase, antitrypsin), 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

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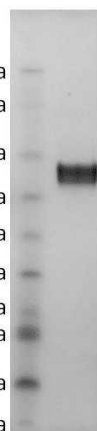
Protein Refseq NP_776249

MIM 617471

UniProt ID Q8IW75

**Vaspin on a
Coomassie stained
4-12% SDS-PAGE
gel, reducing
conditions.**

188kDa
98kDa
62kDa
49kDa
38kDa
28kDa
17kDa
14kDa
6kDa
3kDa



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