

Vaspin Recombinant Protein | SERPINA12 recombinant protein

Vaspin, 21- 414aa, Human, His tag, E Coli

CATALOG # AAA48464	HOST E Coli	APPLICATIONS SDS-Page
------------------------------	-----------------------	---------------------------------

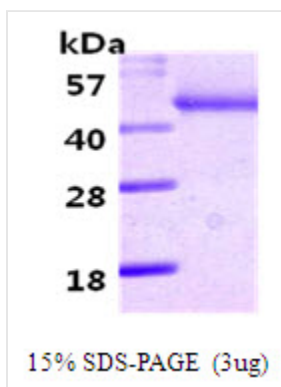
PRODUCT SYNONYMS

Vaspin; 21- 414aa; Human; His tag; E Coli; Serine (or cysteine) proteinase inhibitor clade A (alpha-1 antiproteinase antitrypsin) member 12; SERPINA12; serpin peptidase inhibitor clade A member 12; OL-64; Visceral adipose tissue-derived serine protease inhibitor; Serpin A12 precursor; OL64 OL 64; ENSG00000165953; Serine (or cysteine) proteinase inhibitor clade A (alpha 1 antiproteinase antitrypsin) member 12 antibody; SERPINA12 recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	> 90% by SDS-PAGE
Form/Format	Liquid in 20mM Tris-HCl buffer (pH 8.0) containing 0.2mM PMSF, 10% glycerol
Concentration	1 mg/ml (determined by Bradford assay) (varies by lot)
Sequence	MGSSHHHHH SSGLVPRGSH MLKPSFSPRN YKALSEVQGW QRMAAKELA RQNMDLGFKL LKKLAFYNPG RNIFLSPLSI STAFSMLCLG AQDSTLDEIK QGFNFRKMPE KDLHEGFHYI IHILTQKTQD LKLSIGNTLF IDQRLQPQRK FLEDAKNFYS AETILTNFQN LEMAQKQIND FISQKTHGKI NNLNIENIDPG TVMLLANYIF FRARWKHEFD PNVTKKEEDFF LEKNSSVKVP MMFRSGIYQV GYDDKLCTI LEIPYQKNIT AIFILPDEGK LKHLEKGLQV DTFSRWKTL SRRVVDVSV RLHMTGTFDL KKTLSYIGVS KIFEEHGDLT KIAPHRSLKV GEAVHKAELK MDERGTEGAA GTGAQTLPME TPLVVKIDKP YLLLIYSEKI PSVLFLGKIV NPIGK
Sequence Length	21-414aa
Applicable Applications for SERPINA12 recombinant protein	SDS-PAGE
Tag Information	His-tag
Endotoxin Level	< 1.0 EU per 1ug of protein (determined by LAL method)
Preparation and Storage	Can be stored at 2-8°C for up to a week. For long term storage, aliquot and store at -20°C to -80°C. Avoid repeated freezing and thawing cycles.

IMAGES



SDS-PAGE

3ug by SDS-PAGE under reducing condition and visualised by coomassie blue stain.

ADDITIONAL INFORMATION

Related Product Information for SERPINA12 recombinant protein	Vaspin (visceral adipose-specific SERPIN), a newly identified adipokine, which is a member of serine protease inhibitor family. Vaspin is also a unique insulin sensitizing adipocytokine in obesity. A recent publication indicates that induction of human vaspin mRNA expression in adipose tissue is regulated in a fat depot-specific manner and could be associated with parameters of obesity, insulin resistance, and glucose metabolism. Recombinant human Vaspin fused to His-tag at N-terminus, was expressed in E Coli and purified by using conventional chromatography techniques
Product Categories/Family for SERPINA12 recombinant protein	Hormones & Cytokines
References	Hida K., et al. (2005) PNAS. 102 (30):10610-5.; Kloting N., et al. (2006) Biochem Biophys Res Commun. 339 (1):430-6;

NCBI AND UNIPROT INFORMATION

NCBI GI #	27777657
NCBI GeneID	145264
NCBI Accession #	NP_776249
NCBI GenBank Nucleotide #	NM_173850.3
UniProt Accession #	Q8IW75
Molecular Weight	47 kDa (415 aa), confirmed by MALDI-TOF.
NCBI Official Full Name	serpin A12
NCBI Official Synonym Full Names	serpin family A member 12
NCBI Official Symbol	SERPINA12
NCBI Official Synonym Symbols	OL-64
NCBI Protein Information	serpin A12
UniProt Protein Name	Serpin A12
UniProt Gene Name	SERPINA12
UniProt Synonym Gene Names	Vaspin

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/serpina12-recombinant-protein-e-coli-sds-page/48464>