

Vaspin Human Recombinant

Item Number	rAP-0715
Synonyms	Serpin A12 precursor, Visceral adipose-specific serpin, Visceral adipose tissue- derived serine protease inhibitor, Vaspin, OL-64, SERPINA12, Serine (or cysteine) proteinase inhibitor, clade A, antitrypsin, alpha-1 antiproteinase.
Description	Vaspin Human Recombinant produced in E.Coli is a single, non-glycosylated, His Tag, polypeptide chain containing 415 amino acids and having a molecular mass of 47 kDa. The Vaspin is purified by proprietary chromatographic techniques.
Uniprot Accession Number	Q8IW75
Amino Acid Sequence	MGSSHHHHHH SSGLVPRGSH MLKPSFSPRN YKALSEVQGW QQRMAAKELA RQNMDLGFKL LKKLAFYNPG RNIFLSPLSI STAFSMLCLG AQDSTLDEIK QGFNFRKMPE KDLHEGFHYI IHFLTQKTQD LKLSIGNTLF IDQRLQPQRK FLEDAKNFYS AETILTNFQN LEMAQKQIND FISQKTHGKI NNLIENIDPG TVMLLANYIF FRARWKHEFD PNVTKEDFF LEKNSSVKVP MMFRSGIYQV GYDDKLSTI LEIPYQKNIT AIFILPDEGK LKHLEKGLQV DTFSRWKTLL SRRVVDVSV RLHMTGTFDL KKTLSYIGVS KIFEEHGDLT
Source	Escherichia Coli.
Physical Appearance and Stability	Sterile Filtered colorless solution. Liquid Vaspin although stable at 10°C for 1 week, should be stored below -18°C. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Please prevent freeze-thaw cycles.
Formulation and Purity	Vaspin in 20mM Tris pH-8, 0.2mM PMSF and 10% glycerol. Greater than 90.0% as determined by SDS-PAGE.
Application	
Solubility	
Biological Activity	
Shipping Format and Condition	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**