

## 32-1823: Vaspin Recombinant Protein

### Alternative Name :

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

Source : Escherichia Coli. 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. 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.

### Product Info

#### Amount :

25 µg

#### Purification :

Greater than 90.0% as determined by SDS-PAGE.

#### Content :

Vaspin in 20mM Tris pH-8, 0.2mM PMSF and 10% glycerol.

#### Storage condition :

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.

#### Amino Acid :

MGSSHHHHHH SSGLVPRGSH MLKPSFSPRN YKALSEVQGW QRMAAKELA RQNMDLGFKL  
LKKLAFYNPG RNIFLSPLSI STAFSMLCLG AQDSTLDEIK QGFNFRKMPE KDLHEGFHYI IHELTSQKTQD  
LKLSIGNTLF IDQRLQPQRK FLEDAKNFYS AETILT NFQN LEMAQKQIND FISQKTHGKI NNLIENIDPG  
TVMLLANYIF FRARWKHEFD PNVTKEDFF LEKNSSVKVP MMFRSGIYQV GYDDKLSCTI LEIPYQKNIT  
AIFILPDEGK LKHLEKGLQV DTFSRWKTLL SRRVVDVSVPL RHMTGTGFDL KKTLSYIGVS KIFEEHGLT  
KIAPHRSLKV GEAVHKAELK MDERGTEGAA GTGAQTLPME TPLVVKIDKP YLLLIYSEKI PSVLFLGKIV  
NPIGK.

