

# Human Vaspin Recombinant Protein



RPPB1060

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## Product Information    Protein Information

**Product SKU:**

RPPB1060

**Accession:**

Q8IW75

**Host:**

Escherichia Coli.

**Protein description:**

Vaspin Human Recombinant produced in E.Coli is a single, non- glycosylated polypeptide chain containing 394 amino acids and having a molecular mass of 45.1kDa. Vaspin is purified by proprietary chromatographic techniques.

**Appearance:**

Sterile Filtered White lyophilized (freeze-dried) powder.

**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.

**Formulation:**

Lyophilized from a 0.2µm filtered concentrated solution in 20mM Tris-HCl, pH 8.0, 150mM NaCl and 0.02 % Tween-20.

**Purity:**

Greater than 98.0% as determined by: (a) Analysis by RP-HPLC. (b) Analysis by SDS-PAGE.

**Solubility:**

It is recommended to reconstitute the lyophilized Vaspin in sterile 18MΩ-cm H<sub>2</sub>O not less than 100µg/ml, which can then be further diluted to other aqueous solutions.

**Stability:**

Lyophilized Vaspin although stable at room temperature for 3 weeks, should be stored desiccated below -18°C. Upon reconstitution Vaspin should be stored at 4°C between 2-7 days and for future use below -18°C. Please prevent freeze-thaw cycles.

**Amino Acid Sequence:**

LKPSFSPRNY KALSEVQGWK QRMAAKELAR QNMDLGFKLL KKLAFYNPGR NIFLSPLSIS TAFSMLCLGA  
QDSTLDEIKQ GFNFRKMPEK DLHEGFHYII HELTQKTQDL KLSIGNTLFI DQRLQPQRKF LEDAKNFYSA  
ETILTQFNQL EMAQKQINDF ISQKTHGKIN NLIENIDPGT VMLLANIYFF RARWKHEFDP NVTKEEDFFL  
EKNSSVKVPM MFRSGIYQVG YDDKLSTIL EIPYQKNITA IFILPDEGKL KHLEKGLQVD TFSRWKTLIS  
RRVVDVSVPR LHMTGTFDLK KTLSYIGVSK IFEEHDLTK IAPHRSLKVG EAVHKAELKM DERGTEGAAG  
TGAQTLPMET PLVVKIDKPY LLLIYSEKIP SVLFLGKIVN PIGK.