

Vaspin, 21- 414aa, Human, His-tagged,Recombinant, E.coli

Cat.NO.: TP04459

3th Edition

Synonyms:SERPINA12, serpin peptidase inhibitor clade A member 12, OL-64, Visceral adipose tissue-derived serine protease inhibitor, Serpin A12 precursor, OL64 OL 64, ENSG00000165953.

Description: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

Form:In 20mM Tris 8.0, 0.2mM PMSF, 10% glycerol Molecular Weight: 47 kDa (415 aa)

Molecular Weight:47 kDa (415 aa), confirmed by MALDI-TOF.

Sequences:

Purity:> 95% by HPLC

Concentration:1 mg/ml (determined by Bradford assay)

Endotoxin Level:<1.0 EU per 1 ug of protein (determined by LAL method)

Storage:Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.