

Recombinant Human Vaspin

CATALOG #:	4915-25	25 µg
	4915-1000	1 mg
LOT #:		
SYNONYMS:	Serp 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.	
SOURCE:	<i>E. coli</i>	
PURITY:	>90% by SDS-PAGE and HPLC analyses Endotoxin level is <0.1 ng/µg of human Vaspin	
MOLECULAR WT:	47 kDa	
PHYSICAL APPEARANCE:	Sterile Filtered colorless solution.	
FORMULATION:	1 mg/ml in 20 mM Tris pH-8, 0.2 mM PMSF and 10% glycerol.	
STORAGE CONDITIONS:	The liquid Vaspin should be stored -70 °C. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Please prevent freeze-thaw cycles.	
DESCRIPTION:	Vaspin (visceral adipose-specific SERPIN), a newly identified adipokine, 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 produced in E.Coli is a single, non-glycosylated polypeptide chain containing 415 amino acids and having a molecular mass of 47 kDa.	

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