

Product datasheet for **TP727761**

SERPINA12 Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant Human Serpin A12/Vaspin (C-10His)
Species:	Human
Expression cDNA Clone or AA Sequence:	Leu21-Lys414
Tag:	C-His
Buffer:	Supplied as a 0.2 um filtered solution of 20mM Tris-HCl, 150mM NaCl, pH 7.5.
Note:	Recombinant Human Serpin A12 is produced by our Mammalian expression system and the target gene encoding Leu21-Lys414 is expressed with a 10His tag at the C-terminus.
Stability:	12 months from date of despatch
Locus ID:	145264
UniProt ID:	Q8IW75
Summary:	Vaspin (Visceral Adipose-Specific SERPIN) is a newly described adipokine. Vaspin has three β -sheets, nine α -helices, and one central loop; the structure is part of the set of distinctive features that are descriptive of Serpin family members. Vaspin is also a unique insulin sensitizing adipocytokine in obesity. A recent publication indicates that Vaspin mRNA expression in visceral fat is positively correlated with BMI and percent of body fat. and could be associated with parameters of obesity, insulin resistance, and glucose metabolism. These findings suggest a potential clinical use for Vaspin in ameliorating certain aberrations seen in the obesity metabolic syndrome.



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