9853 Pacific Heights Blvd.
Suite D. San Diego,
CA 92121, USA
Tel: 858-263-4982
Email: info@abeomics.com

32-7170: Recombinant Human Serpin A12/Vaspin (N-GST)

Gene : SERPINA12
Gene ID : 145264
Uniprot ID : Q8IW75

Description

Source: E.coli.
MW :71.4kD.
Recombinant Human Serpin A12 is produced by our E.coli expression system and the target gene encoding Leu21-Lys414 is expressed with a GST tag at the N-terminus. Vaspin (Visceral Adipose-Specific SERPIN) is a newly described adipokine. Vaspin has three beta-sheets, nine a-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.

Product Info

Amount : 10 µg / 50 µg
Content : Supplied as a 0.2 µm filtered solution of 50mM TrisHCl, 160mM NaCl, 0.2mM PMSF, 1mM DTT, 10% Glycerine, pH 7.2 .
Storage condition : Store at -20°C, stable for 6 months after receipt. Please minimize freeze-thaw cycles.
Amino Acid : MSPILGYWKIKGLVQPTRLLLEYLEEKYEEHLYERDEGDKWRNKKFELGLEFPNLPYYIDGDVKLTQSMAIIRYIA
DKHNMLGGCPKERAEISMLEGAVLDIRYGVSRIAYSKDFETLKVDFLSKLPEMLKMFEDRLCHKTYLNGDHVTH
PDFMLYDALDVVLYMDPMCLDAFPKLVCFKKRIEAIPQIDKYLKSSKYIAWPLQGWQATFGGGDHPPKSDLVPR
GSLKPSFSPRNYKALSEVQGWKQRMAAKELARQNMDLGFKLLKKLAFYNPGRNIFLSPLSISTAFSMLCLGAQD
STLDEIKQGFNFRKMPEKDLHEGFHYIIHELTQKTQDLKLSIGNTLFIDQRLQPQRKFLEDAKNFYSAETILTNFQ
NLEMAQKQINDFISQKTHGKINNLIENIDPGTVMLLANYIFFRARWKHEFDPNVTKEEDFFLEKNSSVKVPMMFR
SGIYQVGYDDKLSCTILEIPYQKNITAIFILPDEGKLKHLEKGLQVDTFSRWKTLLSRRVVDVSVPRLHMTGTFDL
KKTLSYIGVSKIFEEHGDLTKIAPHRSLKVGEAVHKAELKMDERGTEGAAGTGAQTLPMETPLVVKIDKPYLLLIY
SEKIPSVLFLGKIVNPIGK

Application Note

Endotoxin : Less than 0.1 ng/Ã□Âµg (1 IEU/Ã□Âµg) as determined by LAL test.

For Research Use Only. Not for use in diagnostic/therapeutics procedures.