

32-8247: Recombinant Human Resistin/RETN/ADSF (C-6His)

Gene : RETN
Gene ID : 56729
Uniprot ID : Q9HD89

Description

Source: E. coli.
MW :10.6kD.

Recombinant Human Resistin is produced by our E.coli expression system and the target gene encoding Lys19-Pro108 is expressed with a 6His tag at the C-terminus. Resistin known as adipose tissue-specific secretory factor (ADSF) or C/EBP-epsilon-regulated myeloid-specific secreted cysteine-rich protein (XCP1) that seems to suppress insulin ability to stimulate glucose uptake into adipose cells. The length of the resistin pre-peptide in human is 108 amino acid residues and in the mouse and rat it is 114 aa; the molecular weight is ~12.5 kDa. Resistin is a cytokine whose physiologic role has been the subject of much controversy regarding its involvement with obesity and type II diabetes mellitus (T2DM). Resistin has been shown to cause "high levels of 'bad' cholesterol (low-density lipoprotein or LDL), increasing the risk of heart disease, resistin increases the production of LDL in human liver cells and also degrades LDL receptors in the liver. Potentially links obesity to diabetes.

Product Info

Amount : 10 µg / 50 µg
Content : Lyophilized from a 0.2 µm filtered solution of 20mM Acetic acid, pH 3.0.
Storage condition : Lyophilized protein should be stored at -20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 4-7°C for 2-7 days. Aliquots of reconstituted samples are stable at -20°C for 3 months.
Amino Acid : KTLCSMEEAINERIQEVAGSLIFRAISSIGLEQSVTSRGDLATCPRGFAVTGCTCGSACGSWDVRAETTCHCQ
CAGMDWTGARCCRVQPLEHHHHHH

Application Note

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