

Product datasheet for **TP723382**

Resistin (RETN) (NM_020415) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Human resistin (RETN), transcript variant 1.
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	SSKTLCSMEE AINERIQEVA GSLIFRAISS IGLECQSVTS RGLATCPRG FAVTGCTCGS ACGSWDVRAE TTCHCQCAGM DWTGARCCRV QP
Tag:	Tag Free
Predicted MW:	19.5 kDa
Concentration:	lot specific
Purity:	>95% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	Lyophilized from a 0.2 μ M filtered solution of 20mM phosphate buffer, 100mM NaCl, pH 7.2
Bioactivity:	Determined by its ability to stimulate lipolysis in cultured human adipocytes. (Ort, T. et al. Endocrinology; 46(5):2200-9)
Endotoxin:	Endotoxin level is < 0.1 ng/ μ g of protein (< 1 EU/ μ g)
Storage:	Store at -80°C.
Stability:	Stable for at least 6 months from date of receipt under proper storage and handling conditions.
RefSeq:	NP_065148
Locus ID:	56729
UniProt ID:	Q9HD89
RefSeq Size:	478
Cytogenetics:	19p13.2
RefSeq ORF:	324
Synonyms:	ADSF; FIZZ3; RETN1; RSTN; XCP1



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Summary:

This gene belongs to the family defined by the mouse resistin-like genes. The characteristic feature of this family is the C-terminal stretch of 10 cys residues with identical spacing. The mouse homolog of this protein is secreted by adipocytes, and may be the hormone potentially linking obesity to type II diabetes. The encoded protein also has an antimicrobial role in skin, displaying antibacterial activity against both Gram positive and Gram negative bacteria. Alternatively spliced transcript variants encoding the same protein have been found for this gene. [provided by RefSeq, Jul 2020]

Protein Families:

Druggable Genome, Secreted Protein

Product images: