

Product datasheet for **TP310942M**

Resistin (RETN) (NM_020415) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human resistin (RETN), 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC210942 protein sequence Red =Cloning site Green =Tags(s)
	MKALCLLLLPVLGLLVSSKTLCSMEEAINERIQEVAGSLIFRAISSIGLEQCQSVTSRGDLATCPRGFAVT GCTCGSACGSWDVRAETTCHCQCAGMDWTGARCCRVQP
	TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Predicted MW:	11.2 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Bioactivity:	Cell treatment (PMID: 26952643)
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	NP_065148
Locus ID:	56729
UniProt ID:	Q9HD89
RefSeq Size:	478



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Cytogenetics: 19p13.2

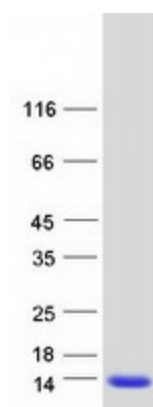
RefSeq ORF: 324

Synonyms: ADSF; FIZZ3; RETN1; RSTN; XCP1

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:



Coomassie blue staining of purified RETN protein (Cat# [TP310942]). The protein was produced from HEK293T cells transfected with RETN cDNA clone (Cat# [RC210942]) using MegaTran 2.0 (Cat# [TT210002]).