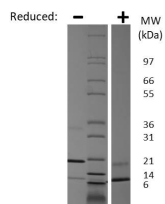


Retn Recombinant Mouse Resistin

Catalog No.	CRR201A CRR201B CRR201C CRR201D	Quantity:	5 µg 25 µg 1.0 mg 100 µg
Alternate Names:	RETN, Adipose tissue-specific secretory factor ADSF, FIZZ3, Xcp4		
Description:	Resistin is a peptide hormone belonging to a class of cysteine-rich secreted proteins, the RELM family (REsistin-Like Molecules). It is also called Adipose Tissue-Specific Secretory Factor (ADSF) or Found in Inflammatory Zone 3 (FIZZ3). Mouse resistin is produced by adipocytes and may be an important link between obesity and insulin resistance.		
Gene ID:	57264		
UniProt ID:	Q99P87		
Source:	<i>E. coli</i>		
Molecular Weight:	Dimer, 10.3/20.6 kDa (95/190 aa)		
Formulation:	Lyophilized from a sterile filtered aqueous solution containing 0.1% Trifluoroacetic acid (TFA).		
Purity:	≥95% by reducing and non-reducing SDS-PAGE.		
Endotoxin Level:	≤1 EU/µg protein determined by LAL		
Biological Activity:	The activity is determined by its dose dependent ability to induce IL-8 production by human PBMCs, ED ₅₀ < 500 ng/ml.		
Amino Acid Sequence:	MSSMPLCPID EAIDKKIKQD FNSLFPNAIK NIGLNCWTVS SRGKLASCPE GTAVLSCSCG SACGSWDIRE EKVCHCQCAR IDWTAARCCK LQVAS		
Reconstitution:	Centrifuge the vial prior to opening. When reconstituting the product, gently pipet and wash down the sides of the vial to ensure full recovery of the protein into solution. It is recommended to reconstitute the lyophilized product with sterile water at a concentration of 0.1 mg/ml, which can be further diluted into other aqueous solutions.		
Storage & Stability:	Store as supplied at -20°C to -80°C for up to 1 year. Upon reconstitution, prepare working aliquots and store at -20°C to -80°C. It is recommended that a carrier protein such as 0.1% HSA or BSA is added for long term storage. Avoid repeated freeze-thaw cycles.		



Mouse Resistin Gel

Figure: 1 ug run under (-) non-reducing conditions and (+) reducing conditions in a 4-20% Tris-Glycine gel, stained with Coomassie Blue. Mouse Resistin is a dimer with a predicted MW of 20.6 kDa (each monomer is 10.3 kDa).

NOT FOR HUMAN USE. FOR RESEARCH ONLY. NOT FOR DIAGNOSTIC OR THERAPEUTIC USE.



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