Active Recombinant Mouse Retn protein

Cat. No. Retn-5477H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Retn, a non-glycosylated, disulfide-linked homodimer containing two identical 95 amino acid chains was expressed in E. coli.
Species	Mouse
Source	E.coli
ProteinLength	95 amino acid
Form	Sterile filtered lyophilized powder with no additives.
Bio-activity	The activity is determined by its dose dependent ability to induce IL-8 production byhuman PBMCs and is typically less than 500 ng/ml.
Molecular Mass	20.6 kDa
AA Sequence	MSSMPLCPID EAIDKKIKQD FNSLFPNAIK NIGLNCWTVS SRGKLASCPE GTAVLSCSCG SACGSWDIRE EKVCHCQCAR IDWTAARCCK LQVAS
Endotoxin	≤1 EU/μg protein determined by LAL
Purity	≥97% by reducing and non-reducing SDS-PAGE and UV spectroscopy at 280 nm
Storage	Lyophilized product is very stable at -20 centigrade. Reconstituted material should be aliquoted and frozen at -20 centigrade. It is recommended that a carrier protein such

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	as 0.1% HSA or BSA is added for long term storage. This depends upon the particula
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

GENE INFORMATION

Gene Name	Retn resistin [Mus musculus]
Official Symbol	Retn
Synonyms	RETN; resistin; found in inflammatory zone 3; cysteine-rich secreted protein FIZZ3; adipose tissue-specific secretory factor; dominant inhibitory adipocyte-specific secretory factor; adipose-specific cysteine-rich secreted protein A12-alpha; ADSF; Rstn; Xcp4; Fizz3;
Gene ID	57264
mRNA Refseq	NM_001204959
Protein Refseq	NP_001191888
MIM	
UniProt ID	Q99P87
Pathway	Adipogenesis, organism-specific biosystem;
Function	hormone activity;

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