

Recombinant Mouse Resistin Like Alpha

Cat. No. Retnla-4746M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Relm-alpha is a cytokine member to a unique family of proteins including Relm-beta and Resistin. Also known as FIZZ1, Relm-alpha and Resistin are secreted by adipocytes, where as Relm-beta is secreted by intestinal epithelial cells, all sharing a high conserved C-terminal region with 10 Cysteine residues. Mouse Relm-alpha is a non-glycosylated polypeptide containing 88 amino acids with a molecular weight of 10 kDa.
Species	Mouse
Source	E.coli
Form	Sterile filtered and lyophilized from 0.5 mg s/ml in 10 mM NaP, pH 7.5.
Purity	Purity Greater than 98% as determined by: Analysis by RP-HPLC. Reducing and non-reducing SDS-PAGE.
Physical Appearance	Sterile Filtered white lyophilized (freeze-dried) powder.
Solubility	Reconstitute at 0.1 mg/ml with sterile water.
Purity Greater than 98% as determined by	Analysis by RP-HPLC. Reducing and non-reducing SDS-PAGE.
Protein Content determined by	UV spectroscopy at 280 nm. Analysis by RP-HPLC calibrated against a known

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standard. Quantitation on SDS-PAGE against a known standard.

Amino acid sequence	MDETIEIIVE NKVKELLANP ANYPSTVTKT LSCTSVKTMN RWASCPAGMT ATGCACGFAC GSWEIQSGDT CNCLCLLDVW TTARCCQLS
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Storage	Lyophilized product is very stable at -20 degrees. Reconstituted material should be aliquoted and frozen at -20. It is recommended to add a carrier protein (0.1% HSA or BSA) for long term storage.
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GENE INFORMATION

Gene Name	Retnla resistin like alpha [Mus musculus]
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Official Symbol	Retnla
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Synonyms	Retnla; resistin like alpha; HIMF; Xcp2; Fizz1; RELMa; Fizz-1; RELMalpha; RELM-alpha; 1810019L16Rik; found in inflammatory zone 1; hypoxia-induced mitogenic factor
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Gene ID	57262
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mRNA Refseq	NM_020509
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Protein Refseq	NP_065255
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UniProt ID	Q9EP95
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Chromosome Location	16 B5; 16 32.6 cM
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Function	hormone activity
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