

Recombinant Mouse Retnla Protein

Cat. No. Retnla-236M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Retnla Protein without tag was expressed in E. coli.
Species	Mouse
Source	E.coli
Description	Resistin-like molecule-alpha (RELM-α) is a member of the RELM family of secreted proteins containing conserved C-terminus cysteines. The RELM family consists of Resistin (FIZZ3), RELM-α (FIZZ1), RELM-β (FIZZ2), and RELM-γ (FIZZ4). RELM-α and Resistin are secreted by adipocytes, unlike RELM-β which is secreted by gastrointestinal epithelial cells, and RELM-γ which is expressed by peripheal blood granulocytes and bone marrow cells.
Bio-activity	No biological activity data is available at this time.
Molecular Mass	Monomer, 9.6 kDa (89 aa)
AA Sequence	MDETIEIIVENKVKELLANPANYPSTVTKTSLCTSVKTMNRWASCPAGMTATGCACG FACGSWEIQSGDTCNCLCLLLVDWTTARCCQLS
Endotoxin	≤1 EUs/μg, Kinetic LAL
Purity	≥95%, Reducing and Non-Reducing SDS PAGE
Stability	12 months from date of receipt when stored at -20 to -80 centigrade as supplied.

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	1 month when stored at 4 centigrade after reconstituting as directed. 3 months when stored at -20 to -80 centigrade after reconstituting as directed.
Storage	Storage Prior to Reconstitution: -20 centigrade
Storage Buffer	Lyophilized from a sterile (0.2 micron) filtered aqueous solution containing 10 mM sodium phosphate, pH 7.5
Reconstitution	Sterile water at 0.1 mg/mL
Shipping	Room temperature
Instructions	Centrifuge vial before opening. Suspend the product by gently pipetting the above recommended solution down the sides of the vial. DO NOT VORTEX. Allow several minutes for complete reconstitution. For prolonged storage, dilute to working aliquots in a 0.1% BSA solution, store at -80 centigrade and avoid repeat freeze thaws.

GENE INFORMATION

Gene Name	Retnla resistin like alpha [Mus musculus (house mouse)]
Official Symbol	Retnla
Synonyms	RETNLA; resistin like alpha; resistin-like alpha; found in inflammatory zone 1; hypoxia-induced mitogenic factor; cysteine-rich secreted protein FIZZ1; cysteine-rich secreted protein A12-gamma; parasite-induced macrophage novel gene 1 protein; HIMF; Xcp2; Fizz1; RELMa; Fizz-1; RELMalpha; RELM-alpha; 1810019L16Rik;
Gene ID	57262
mRNA Refseq	NM_020509

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Protein Refseq	NP_065255
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UniProt ID	Q9EP95
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