

32-12297: Mouse RELM-beta

Gene : Retnlb

Gene ID : 57263

Uniprot ID : Q99P86

Alternative Name : Resistin-like beta, Cysteine-rich secreted protein A12-beta, Cysteine-rich secreted protein FIZZ2

Description

Source: Genetically modified E.coli.

Predicted MW: Monomer, 8.9 kDa (83 aa)

Resistin-like molecule-beta (RELM-beta) is a member of the RELM family of secreted proteins containing conserved C-terminus cysteines. The RELM family consists of Resistin (FIZZ3), RELM-alpha (FIZZ1), RELM-beta (FIZZ2), and RELM-gamma (FIZZ4). Resistin and RELM-beta are the only RELM family members found in humans, whereas all four RELM family members are present in rodents. RELM-beta functions to increase fibroblast proliferation and differentiation, resulting in airway remodelling and increased inflammation.

Product Info

Amount : 25 µg / 100 µg

Purification : Reducing and Non-Reducing SDS PAGE at $\geq 95\%$

Content : Lyophilized from a sterile (0.2 micron) filtered aqueous solution containing 0.1% Trifluoroacetic Acid (TFA)
Sterile water at 0.1 mg/mL

Storage condition : Store at -20°C

Amino Acid : MQCSFESLVD QRIKEALS RQ EPKTISCTSV TSSGRLASCP AGMVVTGCAC GYGCGSWDIR NGNTCHCQCS VMDWASARCC RMA

Application Note

Endotoxin: Less than $0.1 \text{ ng}/\mu\text{g}$ ($1 \text{ IEU}/\mu\text{g}$) as determined by LAL test.

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°C and avoid repeat freeze thaws. Upon reconstitution, a small amount of visible precipitate can be expected. A 10% overfill has been added to the total material vial to compensate for this loss.

