

32-12296: Human RELM-beta (AF)

Gene : RELM-beta
Uniprot ID : Q2UXL7
Alternative Name : RELM-beta protein

Description

Source: Genetically modified E.coli.

Predicted MW: Dimer, 9.5/19.0 kDa (89/178 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 $\geq 95\%$
Lyophilized from a sterile (0.2 micron) filtered aqueous solution containing 0.1% Trifluoroacetic Acid (TFA)
Content : Sterile water at 0.1 mg/mL
Storage condition : Store at -20°C
Amino Acid : MQCSLDSVMD KIKDVLNSL EYSPSPISKK LSCASVKSQG RPSSCPAGMA VTGCACGYGC GSWDVQLETT
CHCQCSVVDW TTARCCHLT

Application Note

Endotoxin: Less than $0.1 \text{ ng}/\mu\text{g}$ (1 IEU/ μg) 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 vialled to compensate for this loss.

