

## 32-12295: Human RELM-beta

**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 >= 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 :** MQCSLDSVMD KIKDVLNLS EYSPISK LSCASVKSQG RPSSCPAGMA VTGCACGYGC GSWDVLQETT  
CHCQCSVVDW TTARCCHLT

### Application Note

**Endotoxin:** Less than 0.1 ng/µg (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 vial to compensate for this loss.

