

32-12298: Mouse RELM-gamma

Gene : Retnlg

Gene ID : 245195

Uniprot ID : Q7TM98

Alternative Name : Resistin-like molecule gamma, Resistin-like molecule gamma, Ten-cysteine protein 1

Description

Source: Genetically modified E.coli.

Predicted MW: Dimer, 9.4 / 18.9 kDa (89 / 178 aa)

Resistin-like molecule-gamma (RELM-gamma) is a member of the RELM family of secreted proteins containing C-terminal cysteines. The RELM family consists of Resistin (FIZZ3), RELM-alpha (FIZZ1), RELM-beta (FIZZ2), and RELM-gamma (FIZZ4). RELM-gamma is secreted by peripheral blood granulocytes, bone marrow, spleen, intestine, and lung. RELM-gamma functions to promote and regulate promyelocytic differentiation, in addition to regulating nutrient-associated insulin sensitivity in the intestinal tract. Rodents secrete all four RELM family members, whereas Resistin and RELM-beta are the only RELM family members found in humans.

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 : MEGTLESIVE KKVKELLANR DDCPSTVTKT FSCTSITASG RLASCPSGMT VTGCACGYGC GSWDIRDGNT
CHCQCSTMDW ATARCCQLA

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.

