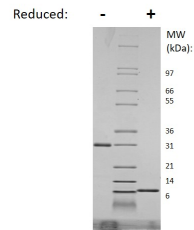


Retnlg Recombinant Mouse RELM-Gamma

Catalog No.	CRG010A CRG010B CRG010C	Quantity:	5 µg 25 µg 1.0 mg
Alternate Names:	Resistin-like molecule gamma, RELMgamma, Ten-cysteine protein 1, XCP1		
Description:	Resistin-like molecule-gamma (RELM-γ) is a member of the RELM family of secreted proteins containing C-terminal cysteines. The RELM family consists of Resistin (FIZZ3), RELM-α (FIZZ1), RELM-β (FIZZ2), and RELM-γ (FIZZ4). RELM-γ is secreted by peripheral blood granulocytes, bone marrow, spleen, intestine, and lung. RELM-γ 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-β are the only RELM family members found in humans.		
UniProt ID:	Q8K426		
Gene ID:	245195		
Source:	<i>E. coli</i>		
Molecular Weight:	9.4/18.9 kDa (89/178 aa) dimer		
Formulation:	Lyophilized from a sterile filtered aqueous solution containing 0.1% Trifluoroacetic Acid (TFA)		
Purity:	≥ 95% by reducing and non-reducing SDS-PAGE analysis		
Endotoxin Level:	≤ 0.1 EUs/µg by Kinetic LAL		
Biological Activity:	No data available at this time.		
Amino Acid Sequence:	MEGTLESIVE KVKELLANR DDCPSTVTKT FSCTSITASG RLASCPSGMT VTGCACGYGC GSWDIRDGT CHCQCSTMDW ATARCCQLA		
Reconstitution:	Centrifuge vial prior to opening. Add sterile distilled water to a concentration of 0.1 mg/mL and gently pipette the solution up and down the sides of the vial. DO NOT VORTEX. Allow several minutes for complete reconstitution.		
Storage & Stability:	Store as supplied at -20°C to -80°C for up to 1 year. Upon reconstitution, prepare working aliquots and store at -20°C to -80°C. It is recommended that a carrier protein such as 0.1% HSA or BSA is added for long term storage. Avoid repeated freeze-thaw cycles.		



Mouse RELM gamma Gel

Figure: 1 ug run under (-) non-reducing and (+) reducing conditions in a 4-20% Tris-Glycine gel, stained with Coomassie Blue. Mouse RELM gamma is predicted to be a dimer with a total MW of 18.9 kDa but the dimer runs larger (each monomer is predicted to be 9.4 kDa).

NOT FOR HUMAN USE. FOR RESEARCH ONLY. NOT FOR DIAGNOSTIC OR THERAPEUTIC USE.



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