

GFM56

Recombinant Mouse RELM- α

Description

Resistin-like molecule- α (RELM- α) is a member of the RELM-family of secreted proteins containing conserved C-terminus cysteines. The RELM-family consists of resistin (FIZZ3), RELM- α (FIZZ1), RELM- β (FIZZ2), and RELM- γ (FIZZ4). RELM- α and resistin are secreted by adipocytes, unlike RELM- β which is secreted by gastrointestinal epithelial cells, and RELM- γ which is expressed by peripheral blood granulocytes and bone marrow cells.

Length	89 aa
Molecular Weight	9.6 kDa
Source	E. coli
Accession Number	Q9EP95
Purity	$\geq 95\%$ determined by reducing and non-reducing SDS-PAGE

Specifications

Alternative Names	Resistin-like molecule- α , RELM α , FIZZ1
Biological Activity	There is no data currently available.
Endotoxin Level	≤ 1.00 EU/ μ g as measured by kinetic LAL
Formulation	Lyophilized from a sterile (0.2 micron) filtered aqueous solution containing 10 mM sodium phosphate, pH 7.5
AA Sequence	MDETIEIIVE NKVKELLANP ANYPSTVTKT LCTSVKTMN RWASCPAGMT ATGCACGFAC GSWEIQSGDT CNCLLLVDW TTARCCQLS

Preparation and Storage

Reconstitution	Centrifuge vial before opening. When reconstituting the product, gently pipet and wash down the sides of the vial to ensure full recovery of the protein into solution. It is recommended to reconstitute the lyophilized product with sterile water at 0.1 mg/ml, which can be further diluted into other aqueous solutions.
Stability and Storage	12 months from date of receipt when stored at -20°C to -80°C as supplied. 1 month when stored at 4°C after reconstituting as directed. 3 months when stored at -20°C to -80°C after reconstituting as directed.