

Recombinant Murine RELM- β (m-RELM- β)

CATALOG #:	4655-25	25 μ g
	4655-100	100 μ g
	4655-1000	1 mg
LOT #:	<hr/>	
SOURCE:	<i>E. coli</i>	
PURITY:	> 97% by SDS-PAGE and RP-HPLC analysis	
MOL. WEIGHT:	8.893 kDa	
FORM:	Sterile filtered and lyophilized from 10 mM Acetic acid.	

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 to a concentration of 0.1mg/ml, which can be further diluted into other aqueous solutions.

STORAGE CONDITIONS:

The lyophilized rm-Relm-beta is very stable at -20 °C. Upon reconstitution the product should be aliquoted and stored at -20 °C. It is recommended to add a carrier protein (0.1% HSA or BSA) for long term storage.

DESCRIPTION:

RELM-beta (Resistin-Like Molecule-beta) is a member of a recently identified family of secreted proteins containing a conserved cystein-rich C-terminus. The RELM family consists of resistin (also called FIZZ3), RELM-alfa (FIZZ1), RELM-beta (FIZZ2) and RELM-gamma. Only resistin and RELM-beta were found in humans whereas all four RELM family members were identified in rodents. Recombinant Human Relm-beta is a non-glycosylated polypeptide chain consisting of 83 amino acids with a molecular weight of 8,893 kDa.

AA SEQUENCE:

MQCSFESLVD QRIKEALSRLQ EPKTICTSV TSSGRLASCP AGMVVTGCAC GYGCGSWDIR
NGNTCHCQCS VMDWASARCC RMA

FOR RESEARCH USE ONLY! Not to be used in humans.

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