

RELM γ , murine recombinant protein
Resistin-like gamma
Catalog # PBV10826r**Specification**

RELM γ , murine recombinant protein - Product info

Primary Accession [Q7TM98](#)
Calculated MW **9.2 kDa** **KDa**

RELM γ , murine recombinant protein - Additional Info

Gene ID	10090
Gene Symbol	Retnlg
Other Names	
Resistin-like gamma	
Gene Source	Mouse
Source	E. Coli
Assay&Purity	SDS-PAGE; $\geq 98\%$
Assay2&Purity2	HPLC;
Recombinant	Yes
Sequence	EGTLESIVEK KVKELLANRD DCPSTVTKTF SCTSITASGR LASCPSGMTV TGCACGYGCG SWDIRDGNTC HCQCSTMDWA TARCCQLA

Target/Specificity
RELM γ

Application Notes

Centrifuge the vial prior to opening. Reconstitute in water to a concentration of 0.1-1.0 mg/ml. Do not vortex. This solution can be stored at 2-8°C for up to 1 week. For extended storage, it is recommended to further dilute in a buffer containing a carrier protein (example 0.1% BSA) and store in working aliquots at -20°C to -80°C.

Format

Lyophilized powder

Storage

-20°C; Sterile filtered through a 0.2 micron filter. Lyophilized with no additives

RELM γ , murine recombinant protein - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)

- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

RELM γ , murine recombinant protein - Images**RELM γ , murine recombinant protein - Background**

RELM γ belongs to a unique family of tissue-specific cytokines termed FIZZ (found in inflammatory zone) and RELM. The other three known members of this family; Resistin, RELM α , and RELM β , are 85-94 amino acid secreted proteins sharing a conserved C-terminal domain characterized by 10 cysteine residues with a unique spacing motif of C-X11-C-X8-C-X-C-X3-C-X10-C-X-C-X-C-X9-C-C. RELM γ is most closely related to RELM α , but is distinctly secreted to bone marrow, spleen, lung, and in peripheral blood granulocytes. The physiological role of RELM γ may include the promotion or regulation of promyelocytic differentiation, although the specific molecular targets of RELM γ have not been identified. Recombinant murine RELM γ is a 9.2 kDa monomeric protein containing 88 amino acid residues.