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RELMγ, murine recombinant protein
Resistin-like gamma
Catalog # PBV10826r

Specification

RELMγ, murine recombinant protein - Product info

Primary Accession	Q7TM98
Calculated MW	**9.2 kDa KDa**

RELMγ, 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; ≥98%**
Assay2&Purity2	**HPLC;**
Recombinant	**Yes**
Sequence	**EGTLESIVEK KVKELLANRD DCPSTVTKTF SCTSITASGR LASCPSGMTV TGCACGYGCG SWDIRDGNTC HCQCSTMDWA TARCCQLA**

Target/Specificity
RELMγ

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

RELMγ, 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 Cytomety
- Cell Culture

RELMγ, murine recombinant protein - Images

RELMγ, murine recombinant protein - Background

RELMγ 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, RELMα, and RELMβ, 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. RELMγ is most closely related to RELMα, but is distinctly secreted to bone marrow, spleen, lung, and in peripheral blood granulocytes. The physiological role of RELMγ may include the promotion or regulation of promyelocytic differentiation, although the specific molecular targets of RELMγ have not been identified. Recombinant murine RELMγ is a 9.2 kDa monomeric protein containing 88 amino acid residues.