

Datasheet for ABIN2469018 **RETNLG Protein**



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Overview

Quantity:	0.005 mg
Target:	RETNLG
Origin:	Mouse
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant

Product Details

Sequence:	EGTLESIVEK KVKELLANRD DCPSTVTKTF SCTSITASGR LASCPSGMTV TGCACGYGCG SWDIRDGNTC HCQCSTMDWA TARCCQLA
Purity:	< 98 % by SDS-PAGE gel and HPLC analyses.
Endotoxin Level:	Endotoxin level is less than 0.1 ng per µg (1 EU/µg).

Target Details

Target:	RETNLG
Alternative Name:	RELM gamma (RETNLG Products)
Background:	RELM α 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 RELMbeta, 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,

Target Details

although the specific molecular targets of RELMy , have not been identified. Recombinant murine RELMy , is a 9.2 kDa monomeric protein containing 88 amino acid residues.

Gene ID: 245195

NCBI Accession: [NP_853627](#)

OMIM: 225007619

UniProt: [Q7TM98](#)

Application Details

Restrictions: For Research Use only

Handling

Format: Lyophilized

Handling Advice: As with any protein, exposing RELM gamma recombinant protein to repeated freeze / thaw cycles is not recommended. When working with proteins care should be taken to keep recombinant protein at a cool and stable temperature.

Storage: -20 °C

Storage Comment: The recombinant protein is stable for at least 2 years from date of receipt at -20 °C. Reconstituted RELM gamma is stable for at least 3 months when stored in working aliquots with a carrier protein at -20 °C.

Expiry Date: 24 months