Datasheet for ABIN6700468

RETNLB Protein

1 Image

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Overview

Quantity:	5 µg
Target:	RETNLB
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Application:	SDS-PAGE (SDS)

Product Details

Purpose:	Human RELM beta Recombinant Protein
Purification:	RELM beta purity was determined to be greater than 90% as determined by analysis by UV-Spectroscopy at 280nm.
Purity:	90,00%
Endotoxin Level:	Measured by LAL is typically ≤ 1 EU/µg protein.
Biological Activity Comment:	There is no biological assay available at this time.

Target Details

Target:	RETNLB
Alternative Name:	RELM-beta (RETNLB Products)
Background:	Synonyms: FIZZ2 Background: Resistin-Like Molecule-beta (RELM- β) is a member of a recently identified family of secreted proteins containing conserved cysteines in their C terminus. The RELM family

Target Details

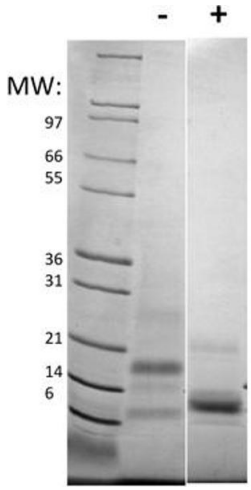
	consists of Resistin (also called FIZZ3), RELM-α (FIZZ1), and RELM-γ. Only Resistin and RELM-β were found in humans whereas all four RELM family members have been identified in rodents. Recombinant human RELM-β is a non-glycosylated, disulfide-linked homodimer, containing two 89 amino acid chains, with a total molecular weight of 19 kDa.
UniProt:	Q2UXL7
Pathways:	Hormone Activity

Application Details

Application Notes:	Other: User Optimized Application_Note: RELM beta Recombinant Protein has been tested by SDDS-PAGE and is suitable as a control for polyclonal or monoclonal anti-RELM beta in immunological assays.
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	Reconstitution_Buffer: Restore with deionized water (or equivalent) Reconstitution_Volume: 5 µL (5-50 µL)
Buffer:	Buffer: 0.1 % Trifluoroacetic acid Stabilizer: None
Preservative:	Without preservative
Storage:	4 °C,-20 °C
Storage Comment:	Store vial at 4° C prior to restoration. Dilute only prior to immediate use. Maintain sterility. This product DOES NOT contain preservative. DO NOT VORTEX. We recommend adding a carrier protein such as HSA or BSA to 0.1% (i.e. 1.0 mg/mL). For best results aliquot contents and freeze at -20° C or colder. Avoid cycles of freezing and thawing. Centrifuge vial before each opening to dislodge contents from the cap and to clarify if contents are not clear after standing at room temperature.
Expiry Date:	6 months



SDS-PAGE

Image 1. SDS-PAGE of Human RELM beta Recombinant Protein SDS-PAGE of Human RELM beta Recombinant Protein. Lane 1: Molecular weight marker. Lane 2: 1 µg Human Relm beta in non-reducing conditions . Lane 3: 1 µg Human Relm beta in reducing conditions (+). Human Relm beta is predicted to be a homodimer with a predicted MW of 19 kDa.

