Datasheet for ABIN6699690

Q53X90 Protein

1 Image

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Overview

Quantity:	5 µg
Target:	Q53X90
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Application:	SDS-PAGE (SDS)

Product Details

Purpose:	Human Beta-cell Attracting Chemokine 1 (CXCL13) Recombinant Protein
Purification:	Beta-cell Attracting Chemokine 1 (CXCL13) purity was determined to be greater than 97% as determined by analysis by HpLC, UV-Spectroscopy at 280nm, and by reducing and non-reducing SDS-pAGE.
Purity:	97,00%
Endotoxin Level:	Measured by LAL is typically ≤ 1 EU/µg protein.
Biological Activity Comment:	The activity is determined by its ability to chemoattract BaF3 cells transfected with CXCR5 and is typically 5-20 ng/mL.

Target Details

Target:	Q53X90
Background:	Synonyms: CXCL13, BLC, BLR1 Ligand Background: B cell Attracting Chemokine-1 (BCA-1), also known as CXCL13, is expressed at

Target Details

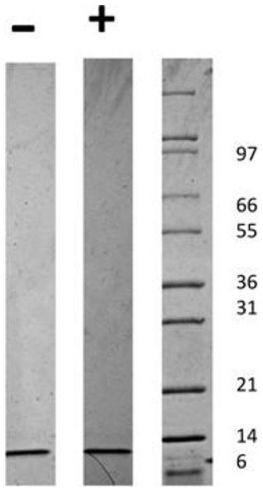
	high levels in lymphoid tissues such as the spleen, lymph nodes and Peyer's patches. It has been shown to activate signaling through the receptor BLR1 (Burkitt's lymphoma receptor 1) to chemoattract B cells. Recombinant human BCA-1 is a non-glycosylated protein, containing 87 amino acids, with a molecular weight of 10.3 kDa.
UniProt:	Q53X90

Application Details

Application Notes:	Other: User Optimized Application_Note: Beta-cell Attracting Chemokine 1 Recombinant Protein has been tested by SDS-PAGE and is suitable as a control for polyclonal or monoclonal anti-Beta-cell Attracting Chemokine 1 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 Beta-cell Attracting Chemokine 1 (CXCL13) Recombinant Protein SDS-PAGE of Human Beta-cell Attracting Chemokine 1 (CXCL13) Recombinant Protein. Lane 1: 1 µg Human Beta-cell Attracting Chemokine 1 (CXCL13) in non-reducing conditions . Lane 2: 1 µg Human Beta-cell Attracting Chemokine 1 (CXCL13) in reducing conditions (+). Lane 3: Molecular weight marker. Human BCA-1 has a predicted MW of 10.3 kDa.