Datasheet for ABIN1096476

CXCL9 Protein (AA 23-125) (His tag)

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Overview

Quantity:	50 µg
Target:	CXCL9
Protein Characteristics:	AA 23-125
Origin:	Human
Source:	Human Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This CXCL9 protein is labelled with His tag.

Product Details

Purpose:	Recombinant Human C-X-C Motif Chemokine 9/CXCL9/MIG (C-6His)
Sequence:	TPVVRKGRCS CISTNQGTIH LQSLKDLKQF APSPSCEKIE IIATLKNGVQ TCLNPDSADV KELIKKWEKQ VSQKKKQKNG KKHQKKKVLK VRKSQRSRQK KTTVDHHHHH H
Characteristics:	Recombinant Human C-X-C Motif Chemokine 9/CXCL9 was produced in human cells transiently transfected with an expression plasmid encoding Human CXCL9 [Thr23-Thr125] fused with a polyhistidine tag at the C-terminus.
Purity:	> 95 % as determined by reducing SDS-PAGE.
Sterility:	0.2 µm filtered
Endotoxin Level:	Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test

Target Details

Target:	CXCL9

Target Details

Alternative Name:	cxcl9 (CXCL9 Products)
Sub Type:	Fusionprotein
Background:	Chemokine (C-X-C Motif) Ligand 9 (CXCL9) belongs to the intercrine alpha (chemokine CXC) family. It is secreted by interferon stimulated monocytes, macrophages and endothelial cells, which elicits chemotactic functions by interacting with the chemokine receptor CXCR3. CXCL9 acts as a Th1 (type 1 helper T) cell chemoattractant and plays a role in the growth, activation and movement of cells associated with immune and inflammatory responses, and in tumour growth inhibition. It is closely related to two other CXC chemokines called CXCL10 and CXCL11, whose genes are located near the gene for CXCL9 on human chromosome 4. Alternative Names: C-X-C Motif Chemokine 9, Gamma-Interferon-Induced Monokine, Monokine Induced by Interferon-Gamma, HuMIG, MIG, Small-Inducible Cytokine B9, CXCL9, CMK, MIG, SCYB9
Molecular Weight:	12.76 kDa
UniProt:	Q07325

Application Details

Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	It is not recommended to reconstitute to a concentration less than 100 µg/mL. Dissolve the lyophilized protein in ddH2O. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.
Buffer:	Lyophilized from a 0.2 µm filtered solution of 20 mM PB, 150 mM NaCl, pH 7.2.
Handling Advice:	Always centrifuge tubes before opening. Do not mix by vortex or pipetting.
Storage:	4 °C/-20 °C/-80 °C
Storage Comment:	Lyophilized protein should be stored at < -20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 4-7°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.
Expiry Date:	3 months