

Datasheet for ABIN7538190
CXCL6 Protein (His tag)



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1 Image

Overview

Quantity:	50 µg
Target:	CXCL6
Origin:	Human
Source:	Mammalian Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This CXCL6 protein is labelled with His tag.

Product Details

Purpose:	Recombinant Human C-X-C Motif Chemokine 6 is produced by our Mammalian expression system and the target gene encoding Gly38-Asn114 is expressed with a 6His tag at the C-terminus.
Characteristics:	Extracellular Domain Protein
Purification:	Purified from cell culture supernatant by affinity chromatography
Purity:	The purity of the protein is greater than 95 % as determined by SDS-PAGE and Coomassie blue staining.

Target Details

Target:	CXCL6
Alternative Name:	CXCL6 (CXCL6 Products)
Background:	Chemokine (C-X-C-Motif) Ligand 6 (CXCL6) is a small cytokine belonging to the CXC chemokine family. It is a potent neutrophil chemotactic and activating factor and it exhibits extensive

Target Details

similarity to other CXC chemokines such as IL-8 and ENA-78. CXCL6 can promote the release of MMP-9 from granulocytes indicating its potential role as an inflammatory mediator. It functionally uses both of the IL-8/CXCL8 receptors to chemoattract neutrophils but that is structurally most related to epithelial cell-derived neutrophil attractant-78 (ENA-78)/CXCL5. The human CXCL6 gene has been cloned and is physically mapped to the CXC chemokine locus on chromosome 4. Mature human CXCL6 is a 75 amino acid (aa) protein with a predicted molecular weight of approximately 8 kDa. Human CXCL6 shares 60 % and 67 % aa identity with mouse and bovine CXCL6, respectively.

Molecular Weight: 9.35 KDa

UniProt: [P80162](#)

Application Details

Restrictions: For Research Use only

Handling

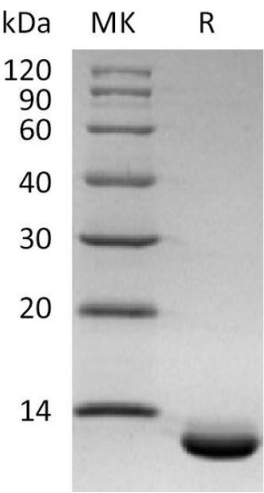
Format: Lyophilized

Buffer: Lyophilized from a 0.2 µm filtered solution of 20 mM PB, 150 mM NaCl, 5 % Trehalose, 1 mM EDTA, pH 7.4.

Storage: -20 °C,-80 °C

Storage Comment: Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing).
Lyophilized proteins are shipped at ambient temperature.

Expiry Date: 12 months



SDS-PAGE

Image 1. Greater than 95 % as determined by reducing SDS-PAGE.