



Datasheet for ABIN7319813 CXCL6 Protein (His tag)



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1 Image

Overview

Quantity:	50 µg
Target:	CXCL6
Origin:	Human
Source:	Human 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/CXCL6 (C-6His)
Sequence:	Gly38-Asn114
Characteristics:	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.
Purity:	>95 % as determined by reducing SDS-PAGE.
Endotoxin Level:	< 1.0 EU per µg as determined by the LAL method.

Target Details

Target:	CXCL6
Alternative Name:	C-X-C Motif Chemokine 6/CXCL6 (CXCL6 Products)
Background:	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

Target Details

extensive 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.

Synonym: C-X-C Motif Chemokine 6, Chemokine Alpha 3, CKA-3, Granulocyte Chemotactic Protein 2, GCP-2, Small-Inducible Cytokine B6, CXCL6, GCP2, SCYB6

Molecular Weight:	9.35 kDa
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UniProt:	P80162
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Application Details

Restrictions:	For Research Use only
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Handling

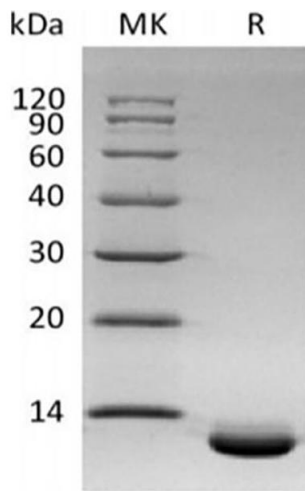
Format:	Lyophilized
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Reconstitution:	Please refer to the printed manual for detailed information.
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Buffer:	Lyophilized from a 0.2 µm filtered solution of 20 mM PB, 150 mM NaCl, 5 % Trehalose, pH 7.4.
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Storage:	4 °C, -20 °C, -80 °C
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Storage Comment:	Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.
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Western Blotting

Image 1.