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## Datasheet for ABIN6964250 CXCL1 Protein (Fc Tag)

### Overview

Quantity:	100 µg
Target:	CXCL1
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This CXCL1 protein is labelled with Fc Tag.

### Product Details

Purpose:	Recombinant Human CXCL1 with N-terminal human Fc tag
Specificity:	HFc (Glu99-Ala330) CXCL1 (Ala35-Asn107)
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:	CXCL1
Alternative Name:	CXCL1 ( <a href="#">CXCL1 Products</a> )
Background:	This antimicrobial gene encodes a member of the CXC subfamily of chemokines. The encoded protein is a secreted growth factor that signals through the G-protein coupled receptor, CXC receptor 2. This protein plays a role in inflammation and as a chemoattractant for neutrophils.

## Target Details

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Aberrant expression of this protein is associated with the growth and progression of certain tumors. A naturally occurring processed form of this protein has increased chemotactic activity. Alternate splicing results in coding and non-coding variants of this gene. A pseudogene of this gene is found on chromosome 4. [provided by RefSeq, Sep 2014]

Molecular Weight: predicted molecular mass of 34.0 kDa after removal of the signal peptide. The apparent molecular mass of hFc-CXCL1 is 35-40 kDa due to glycosylation.

UniProt: [P09341](#)

Pathways: [Autophagy](#)

## Application Details

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Restrictions: For Research Use only

## Handling

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Format: Lyophilized

Buffer: Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose is added as protectants before lyophilization.

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