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Datasheet for ABIN7455671 CXCL3 Protein (His tag)

Overview

Quantity:	50 µg
Target:	CXCL3
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This CXCL3 protein is labelled with His tag.

Product Details

Purpose:	Recombinant Human C-X-C Motif Chemokine 3 is produced by our E.coli expression system and the target gene encoding Ala35-Asn107 is expressed with a 6His tag at the N-terminus.
Characteristics:	Extracellular Domain Protein
Purity:	Greater than 95 % as determined by reducing SDS-PAGE.

Target Details

Target:	CXCL3
Alternative Name:	CXCL3 (CXCL3 Products)
Background:	C-X-C Motif Chemokine 3, GRO-Gamma (1-73), Growth-Regulated Protein Gamma, GRO-Gamma, Macrophage Inflammatory Protein 2-Beta, MIP2-Beta, GRO-Gamma (5-73), CXCL3, GRO3, GROG, SCYB3C-X-C Motif Chemokine 3 (CXCL3) is a secreted protein that belongs to the intercrine alpha (chemokine CXC) family. CXCL3 controls the migration and adhesion of monocytes and mediates its effect on its target cell by interacting with a cell surface

Target Details

chemokine receptor called CXCR2. In addition, CXCL3 is thought to play a role in inflammation and exert its effects on endothelial cells in an autocrine fashion.

Molecular Weight: 10.1 KDa

UniProt: [P19876](#)

Pathways: [Cellular Response to Molecule of Bacterial Origin, Autophagy](#)

Application Details

Restrictions: For Research Use only

Handling

Format: Lyophilized

Buffer: a 0.2 µm filtered solution of PBS, pH 7.4.

Storage: -20 °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: 12 months