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Datasheet for ABIN7519869 CXCL2 Protein (Fc Tag)

Overview

Quantity:	10 µg
Target:	CXCL2
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This CXCL2 protein is labelled with Fc Tag.

Product Details

Purpose:	Recombinant Human CXCL2/MIP-2 Protein
Sequence:	APLATELRCQ CLQTLQGIHL KNIQSVKVKS PGPHCAQTEV IATLKNGQKA CLNPASPMVK KIIEKMLKNG KSN
Specificity:	Ala35-Asn107
Purity:	> 95 % by SDS-PAGE.
Sterility:	0.22 µm filtered
Endotoxin Level:	<0.1EU/µg

Target Details

Target:	CXCL2
Alternative Name:	CXCL2/MIP-2 (CXCL2 Products)
Background:	Description: This antimicrobial protein is part of a chemokine superfamily that encodes

Target Details

secreted proteins involved in immunoregulatory and inflammatory processes. The superfamily is divided into four subfamilies based on the arrangement of the N-terminal cysteine residues of the mature peptide. This chemokine, a member of the CXC subfamily, is expressed at sites of inflammation and may suppress hematopoietic progenitor cell proliferation.

Name: CXCL2,CINC-2a,GRO2,GROb,MGSA-b,MIP-2a,MIP2,MIP2A,SCYB2

Gene ID: 2920

UniProt: [P19875](#)

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

Application Details

Restrictions: For Research Use only

Handling

Format: Lyophilized

Reconstitution: Centrifuge the vial before opening. Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water. Avoid vortex or vigorously pipetting the protein. For long term storage, it is recommended to add a carrier protein or stabilizer (e.g. 0.1 % BSA, 5 % HSA, 10 % FBS or 5 % Trehalose), and aliquot the reconstituted protein solution to minimize free-thaw cycles.

Buffer: Lyophilized from a 0.22 µm filtered solution of PBS, pH 7.4.

Storage: -20 °C,-80 °C

Storage Comment: Store the lyophilized protein at -20°C to -80°C for 12 months.|After reconstitution, the protein solution is stable at -20°C for 3 months, at 2-8°C for up to 1 week.