

RP01623

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Recombinant Human CXCL1/GRO-alpha Protein

Catalog No.: RP01623

Recombinant

Sequence Information

Species	Gene ID	Swiss Prot
HEK293 cells	2919	P09341

Tags

C-hFC-6His

Synonyms

CXCL1;FSP;GRO1;GROa;MGSA;MGSA-a;NAP-3;SCYB1;GRO alpha

Product Information

Source

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.

Purification

≥ 95 % as determined by SDS-PAGE.

Endotoxin

< 0.1 EU/μg of the protein by LAL method.

Formulation

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

Reconstitution

Centrifuge the vial before opening. Reconstitute to a concentration of

Background

This antimicrobial protein belongs 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. 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.

Basic Information

Description

Recombinant Human CXCL1/GRO-alpha Protein is produced by HEK293 expression system. The target protein is expressed with sequence (Ala35-Asn107) fused with hFC-6His tag at the C-terminus.

Bio-Activity

Shipping

Lyophilized proteins are shipped at ambient temperature. Liquid proteins are shipped at frozen temperature with dry ice. Upon receipt, store it immediately at the temperature recommended below.

Operational Notes

For your safety and health, please wear a lab coat and disposable gloves for handling.

Storage

Store at -20°C
Avoid repeated freeze/thaw cycles.

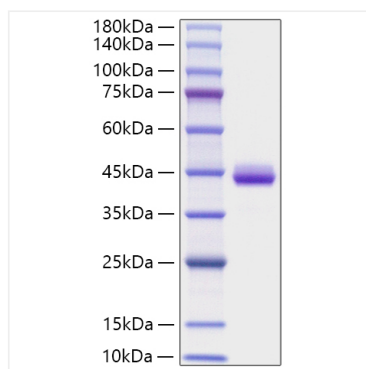
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Contact



www.abclonal.com

Validation Data



Recombinant Human CXCL1/GRO-alpha Protein was determined by SDS-PAGE under reducing conditions with Coomassie Blue.