Leader in Biomolecular Solutions for Life Science

www.abclonal.com

Recombinant Human CXCL1/GRO-alpha Protein

Catalog No.: RP01651 Recombinant

Sequence Information

Species	Gene ID	Swiss Prot
Human	2919	P09341-1

Tags
NO-tag

Synonyms
FSP; GRO1; GROa; MGSA; NAP-3; SCYB1; MGSA-a;CXCL1

Product Information

Source
Pichia

Purification
≥ 95 % as determined by SDS-PAGE.

Calculated MW
7.87 kDa

Observed MW
10-15 kDa

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 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 stablizer (e.g. 0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose), and aliquot the reconstituted protein solution to minimize free-thaw cycles.

Contact

400-999-6126

cn.market@abclonal.com.cn

www.abclonal.com.cn

Background

Has chemotactic activity for neutrophils. May play a role in inflammation and exerts its effects on endothelial cells in an autocrine fashion. In vitro, the processed forms GRO-alpha(4-73), GRO-alpha(5-73) and GRO-alpha(6-73) show a 30-fold higher chemotactic activity.

Basic Information

Description
Recombinant Human CXCL1/GRO-alpha Protein is produced by *Pichia* expression system. The target protein is expressed with sequence (Ala35-Asn107) of human CXCL1/GRO-alpha (Accession #NP_001502.1) fused with no additional amino acid.

Bio-Activity

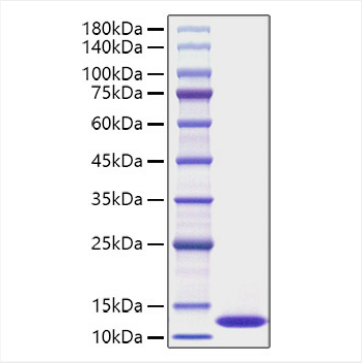
Shipping
The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature recommended below.

Storage
Store at -20℃.Store the lyophilized protein at -20℃ to -80 ℃ up to 1 year from the date of receipt.
After reconstitution, the protein solution is stable at -20℃ for 3 months, at 2-8℃ for up to 1 week.
Avoid repeated freeze/thaw cycles.

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

* □□□□□□□□□□□□□□□□□□□□□□□□□□□□

Validation Data



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

For research use only. Not for therapeutic or diagnostic purposes.
Please visit http://abclonal.com for a complete listing of recommended products.