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Recombinant Human CXCL2/MIP-2 Protein

Catalog No.: RP01656 Recombinant

Sequence Information

Species	Gene ID	Swiss Prot
Human	2920	P19875

Tags
NO-tag

Synonyms
GRO2; GROb; MIP2; MIP2A; SCYB2; MGSA-b; MIP-2a; CINC-2a;CXCL2

Product Information

Source
Pichia

Purification
≥ 95 % as determined by SDS-PAGE.

Calculated MW
7.89 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

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Background

Produced by activated monocytes and neutrophils and expressed at sites of inflammation. Hematoregulatory chemokine, which, in vitro, suppresses hematopoietic progenitor cell proliferation. GRO-beta(5-73) shows a highly enhanced hematopoietic activity.

Basic Information

Description
Recombinant Human CXCL2/MIP-2 Protein is produced by *Pichia* expression system. The target protein is expressed with sequence (Ala35-Asn107) of human CXCL2/MIP-2 (Accession #NP_002080.1) 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.

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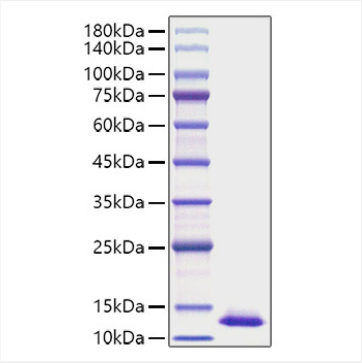
Validation Data



Recombinant Human CXCL2/MIP-2 Protein was determined by SDS-PAGE under reducing conditions with Coomassie Blue.

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