Recombinant Human CCL19/MIP-3 beta Protein

Catalog No.: RP01832

Sequence Information

Species
Human

Gene ID
6363

Swiss Prot
Q99731

Tags
C-His

Synonyms
ELC; CKb11; MIP3B; MIP-3b; SCYA19;CCL19;MIP-3 beta

Product Information

Source
HEK293 cells

Purification
≥ 90 % as determined by SDS-PAGE.

Calculated MW
9.64 kDa

Observed MW
15-20 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
Centrifμge 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.

Background

C-C motif chemokine 19(CCL19) is as known as CK beta-11, ELC, MIP3B and SCYA19. May play a role not only in inflammatory and immunological responses but also in normal lymphocyte recirculation and homing. May play an important role in trafficking of T-cells in thymus, and T-cell and B-cell migration to secondary lymphoid organs. Binds to chemokine receptor CCR7. Recombinant CCL19 shows potent chemotactic activity for T-cells and B-cells but not for granulocytes and monocytes. Binds to atypical chemokine receptor ACKR4 and mediates the recruitment of beta-arrestin (ARRB1/2) to ACKR4.

Basic Information

Description
Recombinant Human CCL19/MIP-3 beta Protein is produced by HEK293 cells expression system. The target protein is expressed with sequence (Gly22-Ser98) of human CCL19/MIP-3 beta (Accession #NP_006265.1) fused with a 6×His tag at the C-terminus.

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.

Storage
Store at -20℃

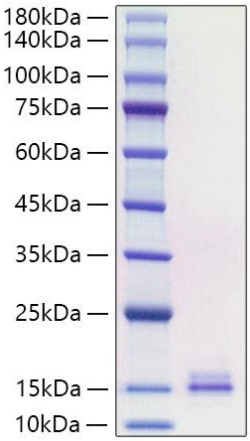
Operational Notes
For your safety and health, please wear a lab coat and disposable gloves for handling.

Contact

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Validation Data



Recombinant Human CCL19/MIP-3 beta Protein was determined by SDS-PAGE under reducing conditions with Coomassie Blue.

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