Recombinant Mouse CCL3/MIP-1 alpha Protein

Catalog No.: RP00714

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Sequence Information

Species
Mouse

Gene ID
20302

Swiss Prot
P10855

Tags
C-His

Synonyms
Ccl3, Mip1a, Scya3， C-C motif chemokine 3,MIP-1-alpha, SIS-alpha,

Product Information

Source
CHO Cells

Purification
≥ 90 % as determined by SDS-PAGE.

Calculated MW
10-15 kDa

Observed MW
10.8 kDa

Endotoxin
< 0.01 EU/μg of the protein by LAL method

Formulation
Lyophilized from 0.22μm filtered solution in 50mM Acetate-sodium acetate pH3.6 .

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.

Background

Monokine with inflammatory and chemokinetic properties. Binds to CCR1, CCR4 and CCR5. One of the major HIV-suppressive factors produced by CD8+ T-cells. Recombinant MIP-1-alpha induces a dose-dependent inhibition of different strains of HIV-1, HIV-2, and simian immunodeficiency virus (SIV)

Basic Information

Description
Recombinant Mouse CCL3/MIP-1 alpha Protein is produced by CHO cells expression system. The target protein is expressed with sequence (Ala24-Ala92) of Mouse CCL3/MIP-1 alpha (Accession # NP_035467.1) fused with 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℃

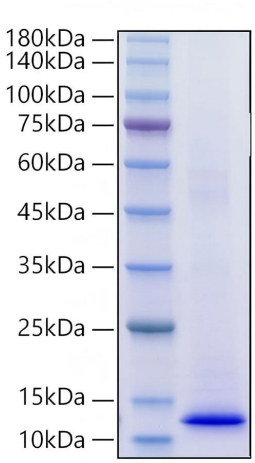
Operational Notes
For your safety and health, please wear a lab coat and disposable gloves for handling.

Contact

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Validation Data



Recombinant Mouse CCL3/MIP-1 alpha Protein was determined by SDS-PAGE under reducing conditions with Coomassie Blue.

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