

Recombinant Mouse CCL7/MCP-3 Protein

Catalog No.: RP01923

Sequence Information

Species **Gene ID**
Mouse 20306

Swiss Prot **Tags**
Q03366 N-His

Synonyms

C-C motif chemokine 7; CCL7;
chemokine (C-C motif) ligand 7;
FIC; MARC; MCP-3;
MCP3 Monocyte chemotactic
protein 3; MCP-3 Small-inducible
cytokine A7; MGC138465;
Monocyte chemoattractant
protein 3; NC28SCYA6;
SCYA7MGC138463; small inducible
cytokine A7 (monocyte
chemotactic protein 3)

Product Information

Source **Purification**
Pichia ≥ 95% as
determined by
SDS-PAGE.

Calculated MW **Observed MW**
9.35 kDa 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 stabilizer
(e.g. 0.1% BSA, 5% HSA, 10% FBS
or 5% Trehalose), and aliquot the
reconstituted protein solution to
minimize free-thaw cycles.

Background

Mouse CCL7/MCP-3, a member of the beta subfamily of chemokines, was initially identified as a transcript that is induced in a mouse mast cell line after Fc epsilon RI triggering by IgE plus antigen. Mouse MARC/MCP-3 expression has also been detected during murine experimental allergic encephalomyelitis in the spinal cord, and in LPS-stimulated murine WEHI -3 cells and Swiss 3T3 cells where MARC expression is glucocorticoid-attenuated. Except for one amino acid substitution, mouse MARC is identical to mouse FIC, the product of a growth factor-activated gene. Mouse CCR2, a mouse chemokine receptor, has been shown to bind JE/MCP-1 with high affinity and MARC /MCP-3 with lower affinity.

Basic Information

Description

Recombinant Mouse CCL7/MCP-3 Protein is produced by *Pichia* expression system. The target protein is expressed with sequence (Gln24-Pro97) of Mouse CCL7/MCP-3 (Accession #NP_038682.1) fused with a his tag at the N-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°C

Operational Notes

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

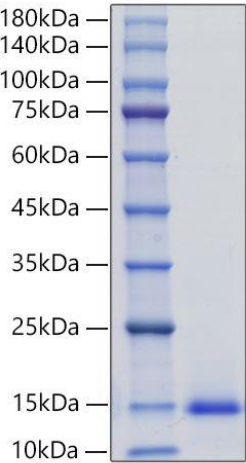
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Validation Data



Recombinant Mouse CCL7/MCP-3 Protein was determined by SDS-PAGE under reducing conditions with Coomassie Blue.