Recombinant Mouse CCL3/MIP-1α Protein(Trx Tag)

Catalog Number: PDEM100167

Note: *Centrifuge before opening to ensure complete recovery of vial contents.*

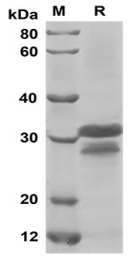
Description

Species	Mouse
Source	E.coli-derived Mouse CCL3/MIP-1α protein Ala24-Ala92, with an N-terminal Trx
Mol_Mass	27.5 kDa
Accession	P10855
Bio-activity	Not validated for activity

Properties

Purity	> 90% as determined by reducing SDS-PAGE.
Endotoxin	< 10 EU/mg of the protein as determined by the LAL method
Storage	Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80 ℃. Reconstituted protein solution can be stored at 4-8℃ for 2-7 days. Aliquots of reconstituted samples are stable at < -20℃ for 3 months.
Shipping	This product is provided as lyophilized powder which is shipped with ice packs.
Formulation	Lyophilized from a 0.2 μm filtered solution in PBS with 5% Trehalose and 5% Mannitol.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.5 mg/mL. Concentration is measured by UV-Vis.

Data



SDS-PAGE analysis of Mouse CCL3/MIP-1α proteins, 2 μg/lane of Recombinant Mouse CCL3/MIP-1α proteins was resolved with SDS-PAGE under reducing conditions, showing bands at 31 KD

Background

CCL3/MIP-1α is a cytokine belonging to the CC chemokine family. Chemokines are a family of structurally related leukocyte chemoattractant cytokines that play a central role during immunoregulatory and inflammation processes. All chemokines contain four conserved cysteines linked by disulfide bonds, and two major subfamilies, namely CXC and C C, are defined on the basis of the first two cysteines which are separated by one amino acid or are adjacent. CCL3/MIP-1 α is involved in the acute inflammatory state in the recruitment and activation of polymorphonuclear leukocytes.

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