

## MIP-1 alpha/CCL3 Protein, Mouse, Recombinant (Active)

## General Information

Synonyms:	TY-5;Scya3;Macrophage inflammatory protein 1-alpha (MIP-1-alpha);Small-inducible cytokine A3;L2G25B;SIS-alpha;C-C motif chemokine 3;Heparin-binding chemotaxis protein; Mip1a;Ccl3
Protein Construction:	24-92 aa
Species:	Mouse
Expression Host:	E. coli
Accession:	P10855
Molecular Weight:	7.9 kDa (Predicted)
AA Sequence:	APYGADTPTACCFYSYRKIPRQFIVDYFETSSLCSQPGVIFLTKRNRQICADSKETWVQEYITDLELNA

## QC Testing

Biological Activity:	Fully biologically active when compared to standard. The biological activity determined by a chemoattract bioassay using murine splenocytes is in a concentration range of 10-100 ng/ml.
Purity:	>98% as determined by SDS-PAGE.
Endotoxin:	< 1.0 EU/µg of the protein as determined by the LAL method.
Formulation:	Lyophilized from a 0.2 µm filtered concentrated solution in 30 % Acetonitrile and 0.1 % TFA

## Preparation and Storage

## Reconstitution:

Reconstitute the lyophilized protein in sterile deionized water. The product concentration should not be less than 100 µg/ml. Before opening, centrifuge the tube to collect powder at the bottom. After adding the reconstitution buffer, avoid vortexing or pipetting for mixing.

## Stability &amp; Storage:

Lyophilized powders can be stably stored for over 12 months, while liquid products can be stored for 6-12 months at -80°C. For reconstituted protein solutions, the solution can be stored at -20°C to -80°C for at least 3 months. Please avoid multiple freeze-thaw cycles and store products in aliquots.

Actual storage temperature shall be subject to the COA.

## Shipping:

In general, lyophilized powders are shipped with blue ice, while solutions are shipped with dry ice.

**Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins**

**This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use**

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