

Optimize Your Research

# Recombinant Mouse Macrophage Inflammatory Protein-1 alpha/CCL3 protein

Code CD00298

**Storage:** This lyophilized preparation is stable at 2-8°C, but should be kept at -20°C for long term storage, preferably desiccated. Upon reconstitution, the preparation is stable for up to one week at 2-8°C. For maximal stability, apportion the reconstituted preparation into working aliquots and store at -20°C to -70°C. Avoid repeated freeze/thaw cycles.

## Intended Use

This product is for research use only, not for use in diagnosis procedures. It is highly recommended to read this instruction entirely before the use.

## Source

Escherichia coli.

## Molecular Weight

Approximately 7.9 kDa protein containing 69 amino acid residues, including the four highly conserved cysteine residues present in CC chemokines.

## Purity

> 98 % by SDS-PAGE and HPLC analyses.

## Biological Activity

Fully biologically active when compared to standard. The biological activity determined by a chemoattract bioassay using Mouse splenocytes is in a concentration range of 10-100 ng/ml.

## Physical Appearance

Sterile Filtered White lyophilized (freeze-dried) powder.

## Formulation

Lyophilized from a 0.2 µm filtered concentrated solution in 30 % Acetonitrile and 0.1 % TFA.

## Sequence

APYGADTPTA CCFSYSRKIP RQFIVDYFET SSLCSQPGVI FLTKRNRQIC ADSKETWVQE YITDLELNA

## Endotoxin

Less than 0.1 EU/µg of rMuMIP-1α/CCL3 as determined by LAL method.

## Reconstitution

We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Reconstitute in sterile distilled water or aqueous buffer containing 0.1 % BSA to a concentration of 0.1-1.0 mg/mL. Stock solutions should be apportioned into working aliquots and stored at ≤ -20 C. Further dilutions should be made in appropriate buffered solutions.

If you have any question on order please contact us via: [order@bt-laboratory.com](mailto:order@bt-laboratory.com); technical assistance please contact us via: [support@bt-laboratory.com](mailto:support@bt-laboratory.com) More product visit [www.bt-laboratory.com](http://www.bt-laboratory.com)