

Recombinant Murine Macrophage Inflammatory Protein-1 alpha/CCL3

Information

Gene ID	20302
Accession #	P10855
Alternate Names	
Source	Escherichia coli.
M.Wt	Approximately 7.9 kDa protein containing 69 amino acid residues, including the four highly conserved cysteine residues present in CC chemokines.
AA Sequence	APYGADTPTA CCFSYSRKIP RQFIVDYFET SSLCSQPGVI FLTNRNRQIC ADSKETWVQE YITDLELNA
Appearance	Sterile Filtered White lyophilized (freeze-dried) powder.
Stability & Storage	Use a manual defrost freezer and avoid repeated freeze-thaw cycles - 12 months from date of receipt, -20 to -70 °C as supplied - 1 month, 2 to 8 °C under sterile conditions after reconstitution - 3 months, -20 to -70 °C under sterile conditions after reconstitution
Formulation	Lyophilized from a 0.2 µm filtered concentrated solution in 30 % Acetonitrile and 0.1 % TFA.
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.
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.
Shipping Condition	Gel pack.
Handling	Centrifuge the vial prior to opening.
Usage	For Research Use Only! Not to be used in humans.

Components and Storage

Components	10µg	100µg	500µg
Recombinant Murine Macrophage Inflammatory Protein-1 alpha/CCL3	10µg	100µg	500µg

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- 12 months from date of receipt, -20 to -70 °C as supplied
- 1 month, 2 to 8 °C under sterile conditions after reconstitution
- 3 months, -20 to -70 °C under sterile conditions after reconstitution

Quality Control

Purity	> 98 % by SDS-PAGE and HPLC analyses.
Endotoxin	Less than 0.1 EU/ μ g of rMuMIP-1 α /CCL3 as determined by LAL method.

Description

Reference

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