

Mouse MIP-1 Gamma Recombinant Protein



RPPB1220

Product Information Protein Information

Product SKU:

RPPB1220

Accession:

P51670

Host:

Escherichia Coli.

Protein description:

MIP-1 gamma Mouse Recombinant produced in E.Coli is a single, non-glycosylated, polypeptide chain containing 101 amino acids and having a molecular mass of 11.6 kDa. The MIP-1 gamma is purified by proprietary chromatographic techniques.

Appearance:

Sterile Filtered White lyophilized (freeze-dried) powder.

Synonyms:

CCL9/10, MRP2, CCF18.

Formulation:

The MIP-1 gamma was lyophilized from 1xPBS solution pH-7.4.

Purity:

Greater than 97.0% as determined by:(a) Analysis by RP-HPLC.(b) Analysis by SDS-PAGE.

Solubility:

It is recommended to reconstitute the lyophilized MIP-1 gamma in sterile 18M-cm H₂O not less than 100µg/ml, which can then be further diluted to other aqueous solutions.

Stability:

Lyophilized MIP-1 gamma although stable at room temperature for 3 weeks, should be stored desiccated below -18°C. Upon reconstitution CCL9/10 should be stored at 4°C between 2-7 days and for future use below -18°C. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Please prevent freeze-thaw cycles.

Amino Acid Sequence:

QITHATETKE VQSSLKAQQG LEIEMFHMGE QDSSDCCLSY NSRIQCSRFI GYFPTSGGCT RPIIFISKR
GFQVCANPSD RRVQRCIERL EQNSQPRTYK Q.

Biological Activity:

Defined by its ability to chemoattract human neutrophils using a concentration range of 0.1-10 ng/ml, corresponding to a Specific Activity of 10,000-100,000IU/mg.