

Human MIP 3 Recombinant Protein



RPPB1221

Product Information Protein Information

Product SKU:

RPPB1221

Accession:

P55773

Host:

Escherichia Coli.

Protein description:

MIP-3 Human Recombinant produced in E.Coli is a single, non-glycosylated, polypeptide chain containing 99 amino acids and having a molecular mass of 11.3kDa. The MIP-3 is purified by proprietary chromatographic techniques.

Appearance:

Sterile Filtered White lyophilized (freeze-dried) powder.

Synonyms:

C-C motif chemokine 23, Small-inducible cytokine A23, Macrophage inflammatory protein 3, Myeloid progenitor inhibitory factor 1, CK-beta-8, MIP-3, MPIF-1, CKB-8, CCL23, MIP3, MPIF1, SCYA23, Ckb8, Ckb-8-1.

Formulation:

Filtered (0.2µm) and lyophilized from a concentrated (1mg/ml) solution in 20mM PB, pH 7.4, 150mM NaCl.

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-3 in sterile 18MΩ-cm H₂O not less than 100µg/ml, which can then be further diluted to other aqueous solutions.

Stability:

Lyophilized MIP-3 although stable at room temperature for 3 weeks, should be stored desiccated below -18°C. Upon reconstitution CCL23 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:

RVTKDAETEF MMSKLPLENP VLLDRFHATS ADCCISYTPR SIPCSLLESYFETNSECSKP GVIFLTKKGR
RFCANPSDKQ VQVCMRMLKL DTRIKTRKN.

Biological Activity:

Determined by its ability to chemoattract human T cell population using a concentration range of 10-50ng/ml corresponding to a Specific Activity of 20,000-100,000IU/mg.