

Rat C-10 Recombinant Protein



RPPB1107

Product Information Protein Information

Product SKU:

RPPB1107

Accession:

Q68FP3

Host:

Escherichia Coli.

Protein description:

C-10 Rat Recombinant produced in E.Coli is a single, non-glycosylated, polypeptide chain containing 94 amino acids and having a total molecular mass of 10.4kDa. C-10 is purified by proprietary chromatographic techniques.

Appearance:

Sterile Filtered White lyophilized (freeze-dried) powder.

Synonyms:

Small inducible cytokine A6, CCL6, C10 protein, c10, MRP-1, Scya6, chemokine (C-C motif) ligand 6.

Formulation:

Lyophilized from a 0.2µm filtered concentrated (1.0mg/ml) solution in 1×PBS, pH 7.4.

Purity:

Greater than 95.0% as determined by(a) Analysis by RP-HPLC.(b) Analysis by SDS-PAGE.

Solubility:

It is recommended to reconstitute the lyophilized C-10 in sterile 18M-cm H₂O not less than 100µg/ml, which can then be further diluted to other aqueous solutions.

Stability:

Lyophilized C-10 although stable at room temperature for 3 weeks, should be stored desiccated below -18C. Upon reconstitution C-10 should be stored at 4C between 2-7 days and for future use below -18C. 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:

GLIQDTVKED RPFNPTIIHQ GFQDSSDCCF SYASQIPCSR FIYFPTSGG CTKPGIIFVT RKRKRVCANP SDQRVQTCIS TLKLGPRSGN SAIA.

Biological Activity:

Determined by its ability to chemoattract human CCR1 transfected BaF3 mouse proB cells using a concentration range of 0.05-0.25 ug/ml.