

C-10 Rat Recombinant (CCL6)

Item Number	rAP-0120
Synonyms	Small inducible cytokine A6, CCL6, C10 protein, c10, MRP-1, Scya6, chemokine (C-C motif) ligand 6.
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.
Uniprot Accession Number	Q68FP3
Amino Acid Sequence	GLIQDTVKED RPFNPTIIHQ GFQDSSDCCF SYASQIPCSR FIYYFPTSGG CTKPGIIFVT RKRKRVCANP SDQRVQTCIS TLKLGPRSGN SAIA.
Source	Escherichia Coli.
Physical Appearance and Stability	Sterile Filtered White lyophilized (freeze-dried) powder. 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.
Formulation and Purity	Lyophilized from a 0.2µm filtered concentrated (1.0mg/ml) solution in 1×PBS, pH 7.4. Greater than 95.0% as determined by (a) Analysis by RP-HPLC. (b) Analysis by SDS-PAGE.
Application	
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.
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.
Shipping Format and Condition	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**