

C-10 Mouse Recombinant (CCL6)

Item Number	rAP-0121
Synonyms	Small inducible cytokine A6, CCL6, C10 protein, c10, MRP-1, Scya6, chemokine (C-C motif) ligand 6.
Description	C-10 Mouse Recombinant produced in E.Coli is a single, non-glycosylated, polypeptide chain containing 95 amino acids and having a molecular mass of 10.7kDa. The CCL6 is purified by proprietary chromatographic techniques.
Uniprot Accession Number	P27784
Amino Acid Sequence	GLIQEIEKED RRYNPPIIHQ GFQDTSSDCC FSYATQIPCK RFIYYFPTSG GCIKPGIIFI SRRGTQVCAD PSDRRVQRCL STLKQGPRSG NKVIA.
Source	Escherichia Coli.
Physical Appearance and Stability	Sterile Filtered White lyophilized (freeze-dried) powder. Lyophilized C10 protein although stable at room temperature for 3 weeks, should be stored desiccated below -18°C. Upon reconstitution CCL6 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.
Formulation and Purity	CCL6 Mouse was lyophilized from a 0.2µm filtered concentrated 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 C10 protein in sterile 18MΩ-cm H ₂ O not less than 100µg/ml, which can then be further diluted to other aqueous solutions.
Biological Activity	The Biological activity was determined by its ability to chemoattract human CCR1 transfected BaF3 mouse proB cells using a concentration range of 0.05-0.25µg/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**