



Rat C-10 (CCL6)

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

PLEASE NOTE: ALWAYS CENTRIFUGE VIAL BEFORE OPENING

Size	Order#	Lot#	Expiry Date
2 µg	1225.970.002		
10 µg	1225.970.010		
1 mg	1225.970.199		

Please enquire for bulk quantities and other vial sizes.

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 10.4 kDa.

- **Source** *E. coli*
- **Purity** ≥ 95 % (SDS-PAGE, RP-HPLC)
- **Endotoxin Level** ≤ 0.1 ng/µg (≤ 1 EU/µg)
- **Buffer** Lyophilized from a 0.2µm filtered concentrated (1.0 mg/ml) solution in 1×PBS, pH 7.4*
- **Physical State** Sterile filtered, lyophilized

Biological Activity

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

Reconstitution

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 4 C 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, order number: 2835.955.xyz or 2835.958.xyz, or BSA, order number: 2835.919.xyz). **Please avoid repeated freeze-thaw cycles.**

Amino Acid Sequence

GLIQDTVKED RPFNPTIIHQ GFQDSSDCCF SYASQIPCSR FIYYFPTSGG CTKPGIIFVT RKRKRVCANP
SDQRVQTCIS TLKLGPRSGN SAIA

Usage: For research use only. Not for use in diagnostic or therapeutic procedures. Not for human use.

*The Buffer may vary depending on the Lot #. Please contact our technical support if you have specific requirements.