

CCL6

Recombinant Rat Small-inducible Cytokine A6

Catalog No.	CS284A CS284B CS284C	Quantity:	2 µg 10 µg 1 mg
Alternate Names:	Mrp-1, Scay6, C-C motif chemokine 6, chemokine ligand 6, small-inducible cytokine A6		
Description:	Rat Small-inducible cytokine A6 contains the four highly conserved cysteine residues present in CC chemokines. It belongs to the CC chemokine family and is expressed in myelopoietic bone marrow cultures when stimulated with GM-CSF, M-CSF, IL-3 or IL-4. It signals primarily through the CCR1 receptor.		
Physical Appearance:	Sterile Filtered White lyophilized (freeze-dried) powder.		
Gene ID:	287910		
Source:	<i>E. coli</i>		
Molecular Weight:	Approximately 10.4 kDa, a single, non-glycosylated polypeptide chain containing 94 amino acids.		
Formulation:	Lyophilized from a 0.2 µm filtered concentrated solution in 1× PBS, pH 7.4.		
Purity:	>95% by SDS-PAGE and HPLC analyses.		
Endotoxin Level:	Less than 1.0EU/µg of Recombinant Rat CCL6 as determined by LAL method.		
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.		
Amino Acid Sequence:	GLIQDTVKE D RPFNPTIIHQ GFQDSSDCCF SYASQIPCSR FIYYFPTSGG CTKPGIIFVT RKRKRVCANP SDQRVQTCIS TLKLGPRSGN SAIA		
Reconstitution:	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Reconstitute in sterile distilled water or aqueous buffer containing 0.1% BSA to a concentration of 0.1-1.0 mg/mL. Stock solutions should be apportioned into working aliquots and stored at ≤-20°C. Further dilutions should be made in appropriate buffered solutions.		
Storage & Stability:	This lyophilized preparation is stable at 2-4°C, but should be kept desiccated at -20°C for long term storage. Upon reconstitution, the preparation is stable for up to one week at 2-4°C. For maximal stability, apportion the reconstituted preparation into working aliquots and store at -20°C to -80°C. Avoid repeated freeze/thaw cycles.		

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