

# Growth Factor Data Sheet

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Murine CCL6 is a chemokine containing four conserved cysteine residues, two of which are adjacent. It is expressed primarily in microglia and other macrophages, as well as myelopoietic bone marrow cells. Upregulation of expression of CCL6 has been observed after stimulation with IFNG, CSF1, CSF2, IL3, and IL4. CCL6 expression is also stimulated by IL-13 and is required for IL-13 stimulation of other chemokines. CCL6 is chemotactic for macrophages and lymphocytes and acts as a ligand primarily for CCR1. CCL6 has only been observed in rodents thus far; murine CCL6 is most homologous to human CCL23.

<b>Catalog Number</b>	<b>2340-06</b>
<b>Product Name</b>	<b>CCL6, Murine</b> Recombinant Murine Chemokine (C-C motif) Ligand 6 (CCL6) Small Inducible Cytokine Subfamily A Member 6 (SCYA6) Macrophage Inflammatory Protein-Related Protein 1 (MRP1, MRP-1) C10
<b>Source</b>	<i>Escherichia coli</i>
<b>MW</b>	~10.7 kDa (95 amino acids)
<b>Sequence</b>	GLIQEIEKED RRYNPPIIHQ GFQDTSSDCC FSATQIPCK RFIYFPTSG GCIKPGIIFI SRRGTQVCAD PSDRRVQRCL STLKQGPRSG NKVIA
<b>Accession Number</b>	<a href="#">P27784</a>
<b>Purity</b>	>97% by SDS-PAGE and HPLC analyses
<b>Biological Activity</b>	Fully biologically active when compared to standard. The biologically active determined by a chemotaxis bioassay using human CCR1 transfected murine BaF3 cells is in a concentration range of 10-100 ng/ml.
<b>Formulation</b>	Sterile filtered white lyophilized powder. Purified and tested for use in cell culture.
<b>Storage/Handling</b>	This lyophilized preparation is stable at 2-8°C, but should be kept at -20°C for long term storage. The reconstituted sample can be apportioned into working aliquots and stored at -80 °C for up to 6 months. Avoid repeated freeze/thaw cycles.
<b>Reconstitution</b>	The sample should be briefly centrifuged prior to opening to bring the contents to the bottom. Reconstitute in a siliconized tube using PBS that contains a 0.1% BSA to a concentration of 0.1-1.0 mg/mL. Reconstituted solutions are stable for up to one week at 2-8°C. Stock solutions should be aliquoted and stored at -80°C. Further dilutions should be made in appropriate buffered solutions containing BSA or serum.