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## Datasheet for ABIN2017706 CCL6 Protein

### Overview

Quantity:	1 mg
Target:	CCL6
Origin:	Mouse
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Biological Activity:	Active

### Product Details

Sequence:	GLIQEIEKED RRYNPPIIHQ GFQDTSSDCC FSYATQIPCK RFIYYFPTSG GCIKPGIIFI SRRGTQVCAD PSDRRVQRCL STLKQGPRSG NKVIA
Characteristics:	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.
Purity:	> 97 % by SDS-PAGE and HPLC analyses.
Sterility:	0.2 µm filtered
Endotoxin Level:	< 1 EU/µg of rMuC10/CCL6 as determined by LAL method.

### Target Details

Target:	CCL6
Alternative Name:	C10/CCL6 ( <a href="#">CCL6 Products</a> )
Background:	Chemokine (C-C motif) ligand 6 (CCL6) is a small cytokine belonging to the CC chemokine

## Target Details

family that has only been identified in rodents. Murine C10 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. C10 is chemotactic for B cells, CD4+ T cells, monocytes and NK cells and also exhibits powerful suppressive activity on colony formation by different lineages of hematopoietic progenitors. The C10 contains the four highly conserved cysteine residues present in CC chemokines.

Synonyms: CCL6, MRP-1

Molecular Weight: 10.7 kDa, a single non-glycosylated polypeptide chain containing 95 amino acids.

## Application Details

Restrictions: For Research Use only

## Handling

Format: Lyophilized

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  $\leq -20$  °C. Further dilutions should be made in appropriate buffered solutions.

Buffer: Lyophilized from a 0.2  $\mu$ m filtered concentrated solution in 20 mM Tris, pH 8.0, 500 mM NaCl.

Handling Advice: Avoid repeated freeze/thaw cycles.

Storage: 4 °C/-20 °C

Storage Comment: This lyophilized preparation is stable at 2-8 °C, but should be kept at -20 °C for long term storage, preferably desiccated. Upon reconstitution, the preparation is stable for up to one week at 2-8 °C. For maximal stability, apportion the reconstituted preparation into working aliquots and store at -20 °C to -70 °C.