

# Mouse XCL1 (His Tag) recombinant protein



Catalog Number: 501308

## General Information

### Gene Name Synonym

C motif chemokine 1; Cytokine SCM-1;  
Lymphotaxin; Small-inducible cytokine C1

### Protein Construction

A DNA sequence encoding the mouse XCL1 (P47993) (Met 1-Gly 114) was expressed with a C-terminal polyhistidine tag.

### Organism

Mouse

### Expression Host

Baculovirus-Insect Cells

## QC Testing

### Purity

> 80 % as determined by SDS-PAGE

### Endotoxin

< 1.0 EU per  $\mu\text{g}$  of the protein as determined by the LAL method

### Stability

Samples are stable for up to twelve months from date of receipt at  $-70^{\circ}\text{C}$

### Predicted N terminal

Val 22

### Molecular Mass

The secreted recombinant mouse XCL1 consists of 103 amino acids and has a calculated molecular mass of 11.5 kDa. It migrates as an approximately 20 kDa band in SDS-PAGE under reducing conditions.

### Formulation

Lyophilized from sterile 50mM Tris, 100mM NaCl, pH 7.4, 10% gly

- 5 % trehalose and mannitol are added as protectants before lyophilization.
- Please contact us for any concerns or special requirements.

## Usage Guide

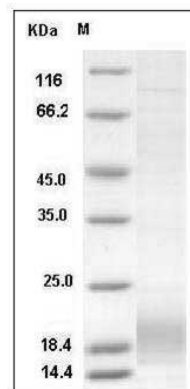
### Storage

Store it under sterile conditions at  $-20^{\circ}\text{C}$  to  $-80^{\circ}\text{C}$ . It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

### Reconstitution

Adding sterile water, prepare a stock solution of 0.25 mg/ml. Concentration is measured by UV-Vis.

### SDS-PAGE



Mouse XCL1 Protein (His Tag) SDS-PAGE