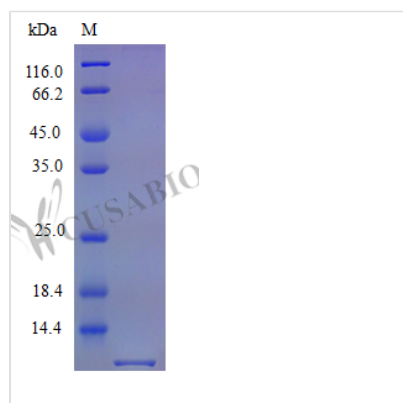




# Recombinant Mouse Growth-regulated alpha protein (Cxcl1) (Active)

|                            |  |
|----------------------------|--|
| <b>Product Code</b>        | CSB-AP001061MO   |
| <b>Abbreviation</b>        | Recombinant Mouse Cxcl1 protein (Active)   |
| <b>Uniprot No.</b>         | P12850   |
| <b>Form</b>                | Lyophilized powder   |
| <b>Storage Buffer</b>      | Lyophilized from a 0.2 µm filtered PBS, pH 7.4   |
| <b>Product Type</b>        | Chemokine  |
| <b>Immunogen Species</b>   | Mus musculus (Mouse)   |
| <b>Biological Activity</b> | Fully biologically active when compared to standard. The biological activity determined by a chemotaxis bioassay using human peripheral blood neutrophils is in a concentration range of 10-100 ng/ml. |
| <b>Purity</b>              | >97% as determined by SDS-PAGE.  |
| <b>Sequence</b>            | APIANELRCQ CLQTMAGIHL KNIQSLKVLP SGPHCTQTEV IATLKNGREA<br>CLDPEAPLVQ KIVQKMLKGV PK   |
| <b>Research Area</b>       | Immunology   |
| <b>Source</b>              | E.coli   |
| <b>Target Names</b>        | Cxcl1  |
| <b>Expression Region</b>   | 25-96aa  |
| <b>Notes</b>               | Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.  |
| <b>Tag Info</b>            | Tag-Free   |
| <b>Mol. Weight</b>         | 7.8 kDa  |
| <b>Protein Length</b>      | Full Length of Mature Protein  |
| <b>PubMed ID</b>           | 2917992; 2909392; 7561058; 10725737  |

## Image



**Endotoxin**

Less than 1.0 EU/μg as determined by LAL method.

**Reconstitution**

We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

**Shelf Life**

The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.