

**ARG70442** Package: 100 µg, 20 µg  
**Mouse CXCL10 / IP10 recombinant protein (Active) (His-tagged, N-ter)** Store at: -20°C

### Summary

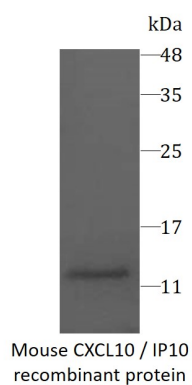
|                     |   |
|---------------------|---|
| Product Description | E. coli expressed, His-tagged (N-ter) Active Mouse CXCL10 / IP10 recombinant protein                    |
| Tested Application  | SDS-PAGE  |
| Target Name         | CXCL10 / IP10   |
| Species             | Mouse   |
| A.A. Sequence       | Pro23 - Pro98   |
| Expression System   | E. coli   |
| Activity            | Active  |
| Activity Note       | Determined by its ability to chemoattract human THP1 cells using a concentration range of 50-100 ng/mL. |
| Alternate Names     | CXCL10; C-X-C Motif Chemokine Ligand 10; IP-10; GIP-10; SCYB10; IFI10 ; Crg-2; Mob-1; INP10; C7         |

### Properties

|                     |   |
|---------------------|---|
| Form                | Powder  |
| Purification Note   | Endotoxin level is 98% (by SDS-PAGE)  |
| Buffer              | PBS (pH 7.4)  |
| Reconstitution      | It is recommended to reconstitute the lyophilized protein in sterile water to a concentration not less than 200 µg/mL and incubate the stock solution for at least 20 min at room temperature to make sure the protein is dissolved completely.                                     |
| Storage instruction | For long term, lyophilized protein should be stored at -20°C or -80°C. After reconstitution, aliquot and store at -20°C or -80°C for up to one month. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. |
| Note                | For laboratory research only, not for drug, diagnostic or other use.  |

### Bioinformation

|                       |  |
|-----------------------|--|
| Gene Symbol           | CXCL10   |
| Gene Full Name        | C-X-C Motif Chemokine Ligand 10  |
| Background            | This antimicrobial gene encodes a chemokine of the CXC subfamily and ligand for the receptor CXCR3. Binding of this protein to CXCR3 results in pleiotropic effects, including stimulation of monocytes, natural killer and T-cell migration, and modulation of adhesion molecule expression. This gene may also be a key regulator of the 'cytokine storm' immune response to SARS-CoV-2 infection. |
| Function              | Pro-inflammatory cytokine that is involved in a wide variety of processes such as chemotaxis, differentiation, and activation of peripheral immune cells, regulation of cell growth, apoptosis and modulation of angiostatic effects.  |
| PTM                   | Citrullination, Disulfide bond   |
| Cellular Localization | Secreted   |



ARG70442 Mouse CXCL10 / IP10 recombinant protein (Active) (His-tagged, N-ter) SDS-PAGE image

SDS-PAGE analysis of ARG70442 Mouse CXCL10 / IP10 recombinant protein (Active) (His-tagged, N-ter)