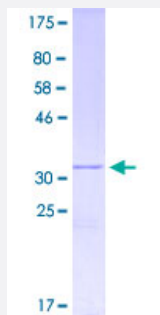


# CXCL2 (Human) Recombinant Protein (Q01)

Catalog # H00002920-Q01

Size 25 ug, 10 ug

## Applications



## Specification

|                                      |                                                                                                             |
|--------------------------------------|-------------------------------------------------------------------------------------------------------------|
| <b>Product Description</b>           | Human CXCL2 partial ORF (NP_002080.1, 1 a.a. - 100 a.a.) recombinant protein with GST tag at N-terminal.    |
| <b>Sequence</b>                      | MARATLSAAPSNPRLLRVALLLLLLVAASRRRAAGAPLATELRCQCLQTLQGIHLKNIQSVKVKSPG<br>PHCAQTEVIATLKNGQKACLNPA SP MVKKIIEKM |
| <b>Host</b>                          | Wheat Germ (in vitro)                                                                                       |
| <b>Theoretical MW (kDa)</b>          | 36.63                                                                                                       |
| <b>Interspecies Antigen Sequence</b> | Mouse (73)                                                                                                  |
| <b>Preparation Method</b>            | <a href="#">in vitro wheat germ expression system</a>                                                       |
| <b>Purification</b>                  | Glutathione Sepharose 4 Fast Flow                                                                           |
| <b>Quality Control Testing</b>       | 12.5% SDS-PAGE Stained with Coomassie Blue                                                                  |
| <b>Storage Buffer</b>                | 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.                                    |
| <b>Storage Instruction</b>           | Store at -80°C. Aliquot to avoid repeated freezing and thawing.                                             |
| <b>Note</b>                          | Best use within three months from the date of receipt of this protein.                                      |

## Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

## Gene Info — CXCL2

|                     |                                                                   |
|---------------------|-------------------------------------------------------------------|
| Entrez GeneID       | <a href="#">2920</a>                                              |
| GeneBank Accession# | <a href="#">NM_002089.1</a>                                       |
| Protein Accession#  | <a href="#">NP_002080.1</a>                                       |
| Gene Name           | CXCL2                                                             |
| Gene Alias          | CINC-2a, GRO2, GROb, MGSA-b, MIP-2a, MIP2, MIP2A, SCYB2           |
| Gene Description    | chemokine (C-X-C motif) ligand 2                                  |
| Omim ID             | <a href="#">139110</a>                                            |
| Gene Ontology       | <a href="#">Hyperlink</a>                                         |
| Other Designations  | GRO2 oncogene MGSA beta melanoma growth stimulatory activity beta |

## Pathway

- [Chemokine signaling pathway](#)
- [Cytokine-cytokine receptor interaction](#)

## Disease

- [Asthma](#)
- [Bronchiolitis](#)

- [Disease Susceptibility](#)
- [Genetic Predisposition to Disease](#)
- [HIV Infections](#)
- [Infant](#)
- [Respiratory Syncytial Virus Infections](#)
- [Sepsis](#)