

# Recombinant Pan troglodytes CXCL1 Protein

**Cat. No.** CXCL1-01P    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                           |
|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Pan troglodytes CXCL1 Protein was expressed in E.coli cell                                                                                                                                                                                                                                                                    |
| <b>Species</b>          | Pan troglodytes                                                                                                                                                                                                                                                                                                                           |
| <b>Source</b>           | E.coli                                                                                                                                                                                                                                                                                                                                    |
| <b>Description</b>      | The chemokine (C-X-C motif) ligand 1 (CXCL1) is a small peptide belonging to the CXC chemokine family that acts as a chemoattractant for several immune cells, especially neutrophils or other non-hematopoietic cells to the site of injury or infection and plays an important role in regulation of immune and inflammatory responses. |
| <b>Molecular Mass</b>   | The protein has a calculated MW of 12.12 kDa.                                                                                                                                                                                                                                                                                             |
| <b>AA Sequence</b>      | MHHHHHHMAR AALSAAPSNP RLLRVALLLL LLVAAGRRAA GASVATELRC<br>QCLQTLQGIHPKNIQSVNVK SPGPHCAQTE VIATLKNGRK ACLNPASPIV<br>KKIIEMLNSD KSN                                                                                                                                                                                                         |
| <b>Purity</b>           | >85% by SDS-PAGE                                                                                                                                                                                                                                                                                                                          |
| <b>Storage</b>          | Store it under sterile conditions at -20 to -80 °C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.                                                                                                                                                                               |
| <b>Concentration</b>    | 0.2 mg/mL                                                                                                                                                                                                                                                                                                                                 |
| <b>Storage Buffer</b>   | PBS, pH 7.4                                                                                                                                                                                                                                                                                                                               |

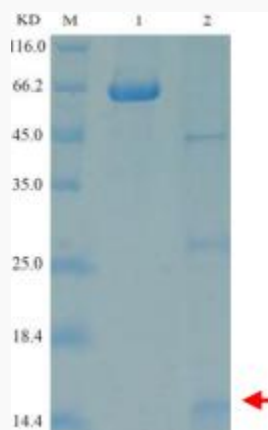
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## GENE INFORMATION

|                        |                                                                       |
|------------------------|-----------------------------------------------------------------------|
| <b>Gene Name</b>       | CXCL1 C-X-C motif chemokine ligand 1 [ Pan troglodytes (chimpanzee) ] |
| <b>Official Symbol</b> | CXCL1                                                                 |
| <b>Gene ID</b>         | 740567                                                                |
| <b>mRNA Refseq</b>     | XM_001156094.6                                                        |
| <b>Protein Refseq</b>  | XP_001156094.1                                                        |
| <b>UniProt ID</b>      | H2QPN5                                                                |

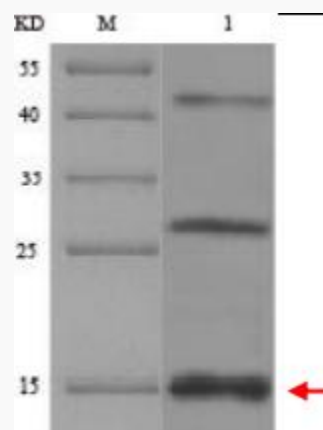


Lane 1: 0.5mg/ml BSA Lane 2: purified protein

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Lane1: purified protein