

# Product datasheet for TP762009

### GCP2 (CXCL6) (NM\_002993) Human Recombinant Protein

#### **Product data:**

| Product Type:                            | Recombinant Proteins   |
|--|--|
| Description:                             | Purified recombinant protein of Human chemokine (C-X-C motif) ligand 6 (granulocyte chemotactic protein 2) (CXCL6),Gly38-Asn114, with N-terminal His-Trx tag, expressed in E. coli, 50ug |
| Species:                                 | Human  |
| Expression Host:                         | E. coli  |
| Expression cDNA Clone<br>or AA Sequence: | A DNA sequence encoding the region(Gly38-Asn114)of CXCL6   |
| Tag:                                     | N-His-Trx  |
| Predicted MW:                            | 28.7 kDa   |
| Concentration:                           | >0.05 µg/µL as determined by microplate BCA method   |
| Purity:                                  | > 80% as determined by SDS-PAGE and Coomassie blue staining  |
| Buffer:                                  | 25 mM Tris-HCl, pH 8.0, 150 mM NaCl, 1% sarkosyl, 10% glycerol   |
| Note:                                    | For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.                                     |
| Storage:                                 | Store at -80°C.  |
| Stability:                               | Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.  |
| RefSeq:                                  | <u>NP 002984</u>   |
| Locus ID:                                | 6372   |
| UniProt ID:                              | <u>P80162</u>  |
| RefSeq Size:                             | 1677   |
| Cytogenetics:                            | 4q13.3   |
| RefSeq ORF:                              | 342  |
| Synonyms:                                | CKA-3; GCP-2; GCP2; SCYB6  |



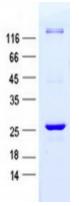
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|                 | GCP2 (CXCL6) (NM_002993) Human Recombinant Protein – TP762009  |
|-----------------|--|
| Summary:        | The protein encoded by this gene is a member CXC chemokine family. The encoded protein is a chemotactic for neutrophil granulocytes and has antibacterial action against gram-negative and gram-positive bacteria. This gene and other members of the CXC chemokine gene family form a gene cluster in a region of chromosome 4q. [provided by RefSeq, Jun 2020] |
| Protein Familie | s: Druggable Genome, Secreted Protein  |
| Protein Pathwa  | <b>ys:</b> Chemokine signaling pathway, Cytokine-cytokine receptor interaction   |

## Product images:



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