

## Product datasheet for **TP762009**

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

#### **Product data:**

<b>Product Type:</b>	Recombinant Proteins
<b>Description:</b>	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
<b>Species:</b>	Human
<b>Expression Host:</b>	E. coli
<b>Expression cDNA Clone or AA Sequence:</b>	A DNA sequence encoding the region(Gly38-Asn114)of CXCL6
<b>Tag:</b>	N-His-Trx
<b>Predicted MW:</b>	28.7 kDa
<b>Concentration:</b>	>0.05 µg/µL as determined by microplate BCA method
<b>Purity:</b>	> 80% as determined by SDS-PAGE and Coomassie blue staining
<b>Buffer:</b>	25 mM Tris-HCl, pH 8.0, 150 mM NaCl, 1% sarkosyl, 10% glycerol
<b>Note:</b>	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
<b>Storage:</b>	Store at -80°C.
<b>Stability:</b>	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
<b>RefSeq:</b>	<a href="#">NP_002984</a>
<b>Locus ID:</b>	6372
<b>UniProt ID:</b>	<a href="#">P80162</a>
<b>RefSeq Size:</b>	1677
<b>Cytogenetics:</b>	4q13.3
<b>RefSeq ORF:</b>	342
<b>Synonyms:</b>	CKA-3; GCP-2; GCP2; SCYB6



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**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 Families:**

Druggable Genome, Secreted Protein

**Protein Pathways:**

Chemokine signaling pathway, Cytokine-cytokine receptor interaction

**Product images:**