

Product datasheet for **TP700194**

CXCL5 (NM_002994) Human Recombinant Protein

Product data:

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| Product Type: | Recombinant Proteins |
| Description: | Recombinant protein of human chemokine (C-X-C motif) ligand 5 (CXCL5), R45K and R48K double mutant, 20 ug |
| Species: | Human |
| Expression Host: | HEK293T |
| Expression cDNA Clone or AA Sequence: | A DNA sequence from TrueORF clone, RC202707 with G134A, C142A, G143A and T144G mutations, encoding the double mutant form (R45K and R48K) of human CXCL5 |
| Tag: | C-Myc/DDK |
| Predicted MW: | 8.3 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, 100 mM glycine, pH 7.3, 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: | NP_002985 |
| Locus ID: | 6374 |
| UniProt ID: | P42830 , Q6I9S7 |
| RefSeq Size: | 2505 |
| Cytogenetics: | 4q13.3 |
| RefSeq ORF: | 342 |
| Synonyms: | ENA-78; SCYB5 |



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Summary:

This gene encodes a protein that is a member of the CXC subfamily of chemokines. Chemokines, which recruit and activate leukocytes, are classified by function (inflammatory or homeostatic) or by structure. This protein is proposed to bind the G-protein coupled receptor chemokine (C-X-C motif) receptor 2 to recruit neutrophils, to promote angiogenesis and to remodel connective tissues. This protein is thought to play a role in cancer cell proliferation, migration, and invasion. [provided by RefSeq, May 2013]

Protein Families:

Druggable Genome, Secreted Protein

Protein Pathways:

Chemokine signaling pathway, Cytokine-cytokine receptor interaction

Product images: