

Product datasheet for **TP720049XL**

CCL3 (NM_002983) Human Recombinant Protein

Product data:

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| Product Type: | Recombinant Proteins |
| Description: | Recombinant protein of human chemokine (C-C motif) ligand 3 (CCL3) |
| Species: | Human |
| Expression Host: | E. coli |
| Expression cDNA Clone or AA Sequence: | Ser24-Ala92 |
| Tag: | Tag Free |
| Predicted MW: | 7.7 kDa |
| Concentration: | lot specific |
| Purity: | >95% as determined by SDS-PAGE and Coomassie blue staining |
| Buffer: | Provided lyophilized from a 0.2 µm filtered solution of 20 mM Tris-HCl, 150 mM NaCl |
| Bioactivity: | ED50 is 3-10 ng/mL as determined by the ability of Recombinant CCL3 to chemoattract human CCR5 transfected BaF3 mouse proB cells. |
| Endotoxin: | < 0.1 EU per µg protein as determined by LAL test |
| Reconstitution Method: | Always centrifuge tubes before opening. Do not mix by vortex or pipetting. Dissolve the lyophilized protein in ddH ₂ O. It is not recommended to reconstitute a concentration less than 100 µg/ml. Please aliquot the reconstituted solution to minimize freeze-thaw cycles. |
| Storage: | Store at -80°C. |
| Stability: | Stable for at least 6 months from date of receipt under proper storage and handling conditions. |
| RefSeq: | NP_002974 |
| Locus ID: | 6348 |
| UniProt ID: | P10147 , A0N0R1 |
| Cytogenetics: | 17q12 |
| Synonyms: | G0S19-1; LD78ALPHA; MIP-1-alpha; MIP1A; SCYA3 |



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Summary: This locus represents a small inducible cytokine. The encoded protein, also known as macrophage inflammatory protein 1 alpha, plays a role in inflammatory responses through binding to the receptors CCR1, CCR4 and CCR5. Polymorphisms at this locus may be associated with both resistance and susceptibility to infection by human immunodeficiency virus type 1.[provided by RefSeq, Sep 2010]

Protein Families: Druggable Genome, Secreted Protein

Protein Pathways: Chemokine signaling pathway, Cytokine-cytokine receptor interaction, Toll-like receptor signaling pathway

Product images:

