

Product datasheet for **TP723301**

MIG (CXCL9) (NM_002416) Human Recombinant Protein

Product data:

| | |
|---------------------------------------|---------------------------------------------------------------------------------------------------------------------------------|
| Product Type: | Recombinant Proteins |
| Description: | Purified recombinant protein of Human chemokine (C-X-C motif) ligand 9 (CXCL9). |
| Species: | Human |
| Expression Host: | E. coli |
| Expression cDNA Clone or AA Sequence: | TPVVRKGRCS CISTNQGTIH LQSLKDLKQF APSPSCEKIE IATLKNQVQ TCLNPDSADV KELIKKWEKQ VSQKKKQKNG KKHQKKKVLK VRKSQRSRQK KTT |
| Tag: | Tag Free |
| Predicted MW: | 11.7 kDa |
| Concentration: | lot specific |
| Purity: | >95% as determined by SDS-PAGE and Coomassie blue staining |
| Buffer: | Lyophilized from a 0.2 µM filtered solution of 20mM phosphate buffer, 100mM NaCl, pH 7.2 |
| Bioactivity: | Determined by its ability to chemoattract human peripheral blood T lymphocytes using a concentration range of 10.0-100.0 ng/ml. |
| Endotoxin: | Endotoxin level is < 0.1 ng/µg of protein (< 1 EU/µg) |
| Storage: | Store at -80°C. |
| Stability: | Stable for at least 6 months from date of receipt under proper storage and handling conditions. |
| RefSeq: | NP_002407 |
| Locus ID: | 4283 |
| UniProt ID: | Q07325 |
| RefSeq Size: | 2723 |
| Cytogenetics: | 4q21.1 |
| RefSeq ORF: | 375 |
| Synonyms: | CMK; crg-10; Humig; MIG; SCYB9 |



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Summary: This antimicrobial gene is part of a chemokine superfamily that encodes secreted proteins involved in immunoregulatory and inflammatory processes. The protein encoded is thought to be involved in T cell trafficking. The encoded protein binds to C-X-C motif chemokine 3 and is a chemoattractant for lymphocytes but not for neutrophils. [provided by RefSeq, Aug 2020]

Protein Families: Druggable Genome, Secreted Protein, Transmembrane

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

Product images:

