

Product datasheet for **TP723765**

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 / MIG)
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	Human CXCL9, the region of Thr23 - Thr125, from gene Accession# NM_002416.1
Tag:	Tag Free
Predicted MW:	11.7 kDa
Concentration:	lot specific
Purity:	>98%, as determined by Coomassie stained SDS-PAGE.
Buffer:	1 x PBS
Bioactivity:	Bioactivity was measured by its property to chemoattract human T cells activated with PHA and IL-2 in a dose dependent manner.
Endotoxin:	Less than 0.01 ng per µg protein as determined by the LAL method
Storage:	Store at -80°C.
Stability:	Unopened vial can be stored between 2°C and 8°C for up to 2 weeks, at -20°C for up to 6 months, or at -70°C or below until the expiration date. Aliquots can be stored between 2°C and 8°C for up to one week and stored at -20°C or colder for up to 3 months. Avoid repeated freeze/thaw cycles.
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