

Bioactive

CXCL9 (Human) Recombinant Protein

Catalog # P7202

Size 20 ug

Specification

Product Description	Human CXCL9 (Q07325, 23 a.a. - 125 a.a.) partial recombinant protein expressed in <i>Escherichia coli</i> .
Sequence	TPVVRKGRCSCISTNQGTIHLQSLKDLKQFAPSPSCEKIEIATLKNGVQTCLNPDSADVKELIKWW EKQVSQKKKQKNGKKHQKKVVKVRKSQRSRQKKTT
Host	<i>Escherichia coli</i>
Theoretical MW (kDa)	11.7
Form	Lyophilized
Preparation Method	<i>Escherichia coli</i> expression system
Purity	> 97% by SDS-PAGE
Endotoxin Level	< 1 EU per 1 ug of protein (determined by LAL method)
Activity	The biological activity determined by a chemotaxis bioassay using human peripheral blood T-lymphocytes is in a concentration range of 10.0 - 100.0 ng/ml.
Storage Buffer	Lyophilized from sterile distilled Water up to 0.1 - 1.0 mg/ml
Storage Instruction	Store at 4°C to 8°C for 1 week. For long term storage store at -20°C to -80°C. Aliquot to avoid repeated freezing and thawing.

Applications

- Functional Study
- SDS-PAGE

Gene Info — CXCL9

Entrez GeneID	4283
Protein Accession#	Q07325
Gene Name	CXCL9
Gene Alias	CMK, Humig, MIG, SCYB9, crg-10
Gene Description	chemokine (C-X-C motif) ligand 9
Omim ID	601704
Gene Ontology	Hyperlink
Gene Summary	The function of this gene has not been specifically defined; however, it is thought to be involved in T cell trafficking. This gene has been localized to 4q21 with INP10, which is also a member of the chemokine family of cytokines. [provided by RefSeq]
Other Designations	monokine induced by gamma interferon small inducible cytokine B9

Pathway

- [Chemokine signaling pathway](#)
- [Cytokine-cytokine receptor interaction](#)
- [Toll-like receptor signaling pathway](#)

Disease

- [Asthma](#)
- [Bronchiolitis](#)
- [Colitis](#)
- [Coronary Artery Disease](#)
- [Crohn Disease](#)
- [Diabetes Mellitus](#)

- [Genetic Predisposition to Disease](#)
- [Infant](#)
- [Inflammatory Bowel Diseases](#)
- [Ovarian Neoplasms](#)
- [Respiratory Syncytial Virus Infections](#)
- [Severe Acute Respiratory Syndrome](#)