

# Recombinant Human CXCL9 Protein

Catalog No.: RP00352 **Recombinant**

## Sequence Information

Species	Gene ID	Swiss Prot
Human	4283	Q07325

### Tags

No tag

### Synonyms

CXCL9;CMK;Humig;MIG;SCYB9;crg-10

## Product Information

Source	Purification
<i>E. coli</i>	> 95% by SDS-PAGE.

### Endotoxin

< 0.1 EU/μg of the protein by LAL method.

### Formulation

Lyophilized from a 0.22 μm filtered solution of PBS, pH 7.4.

### Reconstitution

Centrifuge the vial before opening. Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water. Avoid vortex or vigorously pipetting the protein. For long term storage, it is recommended to add a carrier protein or stabilizer (e.g. 0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose), and aliquot the reconstituted protein solution to minimize free-thaw cycles.

## Contact

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## Background

This antimicrobial protein belongs a protein 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.

## Basic Information

### Description

Recombinant Human CXCL9 Protein is produced by *E. coli* expression system. The target protein is expressed with sequence (Thr23-Thr125) of human CXCL9 (Accession #Q07325) fused with no additional amino acid.

### Bio-Activity

### Storage

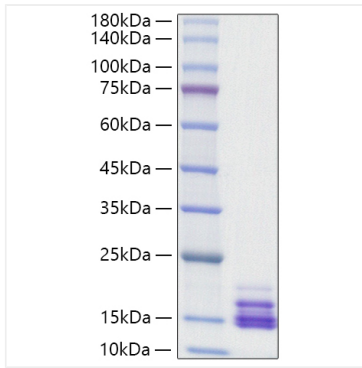
Store at -20°C. Store the lyophilized protein at -20°C to -80 °C up to 1 year from the date of receipt.

After reconstitution, the protein solution is stable at -20°C for 3 months, at 2-8°C for up to 1 week.

Avoid repeated freeze/thaw cycles.

## Validation Data

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Recombinant protein Human CXCL9 was determined by SDS-PAGE under reducing conditions with Coomassie Blue, showing a band at 15-25 kDa.