

Recombinant human CXCL9 protein

Catalog Number: ATGP2164

PRODUCT INFORMATION

Expression system

E.coli

Domain

23-125aa

UniProt No.

Q07325

NCBI Accession No.

NP_002407

Alternative Names

C-X-C motif chemokine ligand 9, C-X-C motif chemokine 9, Gamma-interferon-induced monokine, Monokine induced by interferon-gamma, HuMIG, MIG, Small-inducible cytokine B9, CMK, MIG, SCYB9, crg-10

PRODUCT SPECIFICATION

Molecular Weight

14 kDa (126aa) confirmed by MALDI-TOF

Concentration

0.25mg/ml (determined by BCA assay)

Formulation

Liquid in. 20mM Tris-HCl buffer (pH 8.0) containing 0.15M NaCl, 30% glycerol

Purity

> 85% by SDS-PAGE

Tag

His-Tag

Application

SDS-PAGE

Storage Condition

Can be stored at +2C to +8C for 1 week. For long term storage, aliquot and store at -20C to -80C. Avoid repeated freezing and thawing cycles.

BACKGROUND

Description

CXCL9 is a small cytokine belonging to the CXC chemokine family that is also known as monokine induced by gamma interferon. It is closely related to two other CXC chemokines called CXCL10 and CXCL11, whose genes are located near the gene for CXCL9 on human chromosome 4. CXCL9, CXCL10 and CXCL11 all elicit their chemotactic functions by interacting with the chemokine receptor CXCR3. Recombinant human CXCL9 protein, fused to His-tag at N-terminus, was expressed in E. coli and purified by using conventional chromatography

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techniques.

Amino acid Sequence

MGSSHHHHHH SGLVPRGSH MGSTPVVRKG RCSCISTNQG TIHLQSLKDL KQFAPSPSCE KIEIIATLKN GVQTCLNPDS
ADVKELIKWW EKQVSQKKKQ KNGKKHQKKK VLKVRKSQRS RQKKT

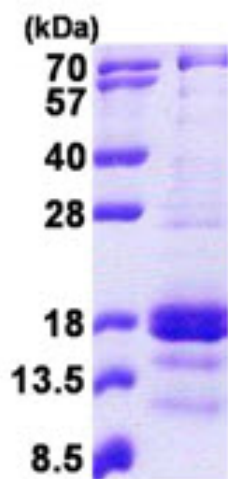
General References

Romagnani P, Rotondi M, et al. (2002). *Am J Pathol.* 161(1):195-206.

Loetscher P, Pellegrino A, et al. (2001). *J Biol Chem.* 276(5):2986-91.

DATA

SDS-PAGE



3ug by SDS-PAGE under reducing condition and visualized by coomassie blue stain.

15% SDS-PAGE (3ug)