

Product information



CXCL9, 23-125aa

Human, His-tagged, Recombinant, *E.coli*

Cat. No. IBATGP2164

Full name: C-X-C motif chemokine 9

NCBI Accession No.: NP_002407

Synonyms: CMK, crg-10, Humig, MIG, SCYB9

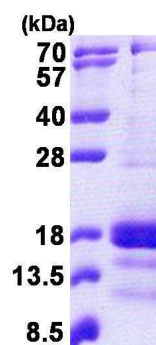
Description: CXCL9 is a small cytokine belonging to the CXC chemokine family that is also known as monokine induced by gamma interferon. It is closely related to two other CXC chemokines called CXCL10 and CXCL11, whose genes are located near the gene for CXCL9 on human chromosome 4. CXCL9, CXCL10 and 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 techniques.

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

Molecular Weight: 14 kDa (126aa), confirmed by MALDI-TOF

Purity: > 85% by SDS - PAGE

Concentration: 0.25 mg/ml (determined by BCA assay)



15% SDS-PAGE (3ug)

Sequences of amino acids:

MGSSHHHHH SSGLVPRGSH MGSTPVVRKG RCSCISTNQG TIHLQSLKDL KQFAPSPSCE KIEIIATLKN GVQTCLNPDS ADVKELIKKW
EKQVSQKKKQ KNGKKHQKKK VLKVRKSQRS RQKKTT

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.

Storage: Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.

For research use only. This product is not intended or approved for human, diagnostics or veterinary use.



Manufactured for:

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