

**CXCL9, 23-125aa, Human, His tag, E.coli**

**Cat.NO.: TP01802**

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3th Edition

**Synonyms:**C-X-C motif chemokine 9, 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

**Sequences:**

MGSSHHHHHSSGLVPRGSHMGSTPVVRKGRCSICSTNQGTIHLQSLKDLKQFAPSPSCEKIEIATLKNQVQTCLN  
PDSADVKELIKKEKQVSQKKKQKNGKKHKKKVLKVRKSQRSRQKKT

**Purity:**> 95% by HPLC

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

**Endotoxin Level:**<1.0 EU per 1 ug of protein (determined by LAL method)

**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.