

**CXCL11, 22-94aa, Human, His tag, E.coli**

**Cat.NO.: TP01794**

3th Edition

**Synonyms:**C-X-C motif chemokine 11, b-R1, H174, I-TAC, IP-9, IP9, MGC102770, SCYB11, SCYB9B.

**Description:**Chemokine (C-X-C motif) ligand 11 (CXCL11) is a small cytokine belonging to the CXC chemokine family that is also called Interferon-inducible T-cell alpha chemoattractant (I-TAC) and Interferon-gamma-inducible protein 9 (IP-9). CXCL11 is strongly induced by IFN- $\alpha$  and IFN- $\beta$ , and weakly induced by IFN- $\gamma$ . It is chemotactic for interleukin-activated T-cells but not unstimulated T-cells, neutrophils or monocytes.

**Form:**Liquid. In 10mM sodium citrate(pH 3.5), 20% glycerol, 2mM DTT

**Molecular Weight:**10.6kDa (94aa), confirmed by MALDI-TOF

**Sequences:**

MGSSHHHHHHSSGLVPRGSHMFPFMFKRGRCLCIGPGVKAVKVDIEKASIMYPSNNCDKIEVIITLKENKGQRCLN  
PKSKQARLIIKKVERKNF

**Purity:**> 95% by HPLC

**Concentration:**1mg/ml (determined by Bradford 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.