32-1925: I TAC, His Recombinant Protein

Alternative Name : Small inducible cytokine B11,CXCL11,Interferon-inducible T-cell alpha chemoattractant,I-TAC,Interferon-gamma-inducible protein 9,IP-9,H174,Beta-R1,chemokine (C-X-C motif) ligand 11,IP9,b-R1,SCYB11,SCYB9B,MGC102770.

Description

Source : Escherichia Coli. I-TAC (CXCL11) Human Recombinant produced in E.coli is a single, non-glycosylated polypeptide chain containing 94 amino acids (22-94) and having a molecular mass of 10.6kDa.I-TAC is fused to a 21 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques. 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). It is highly expressed in peripheral blood leukocytes, pancreas and liver, with moderate levels in thymus, spleen and lung and low expression levels were in small intestine, placenta and prostate. Gene expression of CXCL11 is strongly induced by IFN-g and IFN-b, and weakly induced by IFN-a. This chemokine elicits its effects on its target cells by interacting with the cell surface chemokine receptor CXCR3, with a higher affinity than do the other ligands for this receptor, CXCL9 and CXCL10. CXCL11 is chemotactic for activated T cells. Its gene is located on human chromosome 4 along with many other members of the CXC chemokine family.

Product Info

Amount :	20 µg
Purification :	Greater than 90.0% as determined by SDS-PAGE.
Content :	The I-TAC solution (1mg/ml) contains 10mM sodium citrate(pH 3.5), 20% glycerol and 2mM DTT.
Storage condition :	Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA).Avoid multiple freeze-thaw cycles.
Amino Acid :	MGSSHHHHHH SSGLVPRGSH MFPMFKRGRC LCIGPGVKAV KVADIEKASI MYPSNNCDKI EVIITLKENK GQRCLNPKSK QARLIIKKVE RKNF.