

I-TAC Human Recombinant (CXCL11), His Tag

Item Number	rAP-0184
Synonyms	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	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.
Uniprot Accession Number	O14625
Amino Acid Sequence	MGSSHHHHHH SSGLVPRGSH MFPMFKRGRG LCIGPGVKAV KVADIEKASI MYPSNNCDKI EVIITLKENK GQRCLNPKSK QARLIKKVE RKNF.
Source	Escherichia Coli.
Physical Appearance and Stability	Sterile filtered colorless solution. 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.
Formulation and Purity	The I-TAC solution (1mg/ml) contains 10mM sodium citrate(pH 3.5), 20% glycerol and 2mM DTT. Greater than 90.0% as determined by SDS-PAGE.
Application	
Solubility	
Biological Activity	
Shipping Format and Condition	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**