

32-12218: Human ITAC (CXCL11)

Gene : CXCL11

Gene ID : 6373

Uniprot ID : O14625

Alternative Name : C-X-C motif chemokine 11, Beta-R1, Interferon gamma-inducible protein 9, Interferon-inducible T-cell alpha chemoattractant, Small-inducible cytokine B11

Description

Source: Genetically modified E.coli.

Predicted MW: Monomer, 8.3 kDa (73 aa)

Interferon-inducible T cell alpha chemoattractant (I-TAC), or CXCL11, is expressed at high levels in leukocytes, pancreas, and liver cells. I-TAC gene expression is induced by interferons alpha (IFN-alpha), beta (IFN-beta), and gamma (IFN-gamma). I-TAC is the dominant ligand known to bind the chemokine receptor CXCR3, thus acting as a strong agonist. I-TAC functions as a chemoattractant for interleukin 2 (IL-2)-activated T cells.

Product Info

Amount : 20 µg / 100 µg

Purification : Reducing and Non-Reducing SDS PAGE at >= 95%

Content : Lyophilized from a sterile (0.2 micron) filtered aqueous solution containing 0.1% Trifluoroacetic Acid (TFA)
Sterile water at 0.1 mg/mL

Storage condition : Store at -20°C

Amino Acid : FPMFKRGRCL CIGPGVKAVK VADIEKASIM YPSNNCDKIE VIITLKENKG QRCLNPKSKQ ARLIKKVER KNF

Application Note

Endotoxin: Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test.

Centrifuge vial before opening, Suspend the product by gently pipetting the above recommended solution down the sides of the vial. DO NOT VORTEX. Allow several minutes for complete reconstitution. For prolonged storage, dilute to working aliquots in a 0.1% BSA solution, store at -80°C and avoid repeat freeze thaws. Upon reconstitution, a small amount of visible precipitate can be expected. A 10% overfill has been added to the total material vial to compensate for this loss.

