

CXCL11

Recombinant Human I-TAC / CXCL11

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|---------------------------------|--|------------------|-------------------------|
| Catalog No. | CRI600A CRI600B CRI600C | Quantity: | 5 µg 20 µg 1.0 mg |
| Alternate Names: | C-X-C motif chemokine 11, Interferon-inducible T-cell alpha chemoattractant (I-TAC), Interferon gamma-inducible protein 9, (IP-9), Beta-R1, H174, Small-inducible cytokine B11 | | |
| Description: | 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-α), beta (IFN-β), and gamma (IFN-γ). 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. | | |
| UniProt ID: | O14625 | | |
| Gene ID: | 6373 | | |
| Source: | <i>E. coli</i> | | |
| Molecular Weight: | 8.3 kDa (73 aa) | | |
| Formulation: | Lyophilized from a sterile-filtered aqueous solution containing 0.1% Trifluoroacetic acid (TFA). | | |
| Purity: | ≥ 95% by reducing and non-reducing SDS-PAGE | | |
| Endotoxin Level: | ≤ 1 EU/µg determined by kinetic LAL method. | | |
| Biological Activity: | No activity data at this time. | | |
| Amino Acid Sequence: | FPMFKRGRCL CIGPGVKAVK VADIEKASIM YPSNNCDKIE VIITLKENKG QRCLNPKSKQ ARLIIKKVER KNF | | |
| Reconstitution: | Centrifuge vial prior to opening. Add sterile distilled water or aqueous buffer to a concentration of 0.1-1.0 mg/mL. Further dilution should be made in appropriate buffered solutions. | | |
| Storage & Stability: | Store as supplied at -20°C to -80°C for up to 1 year. Upon reconstitution, prepare working aliquots and store at -20°C to -80°C. It is recommended that a carrier protein such as 0.1% HSA or BSA is added for long term storage. Avoid repeated freeze-thaw cycles. | | |



Human I-TAC / CXCL11 Gel

Figure: 1 ug run under (-) non-reducing conditions and (+) reducing conditions in a 4-20% Tris-Glycine gel, stained with Coomassie Blue. Human I-TAC / CXCL11 is predicted to have a MW of 8.3 kDa.

NOT FOR HUMAN USE. FOR RESEARCH ONLY. NOT FOR DIAGNOSTIC OR THERAPEUTIC USE.



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