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#### CXCL11

### Recombinant Human I-TAC / CXCL11

Catalog No. CRI600A Quantity: 5 μg

CRI600B 20 μg CRI600C 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- $\alpha$ ), beta (IFN- $\beta$ ), and gamma (IFN- $\gamma$ ). I-TAC is the dominant ligand known to bind the chemokine receptor CXCR3, thus acting as a stronge agonist. I-TAC

functions as a chemoattractant for interleukin 2 (IL-2)-activated T cells.

UniProt ID: O14625

**Gene ID:** 6373

Source: E. coli

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:**  $\leq 1 \text{ EU/}\mu\text{g}$  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

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such as 0.1% HSA or BSA is added for long term storage.

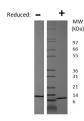
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Phone: 978-572-1070

Fax: 978-992-0298

Avoid repeated freeze-thaw cycles.

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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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