

Cxcl11

Recombinant Mouse CXCL11 / I-TAC

Catalog No.	CRI601A CRI601B	Quantity:	5 µg 20 µg
Alternate Names:	C-X-C motif chemokine 11, Interferon-inducible T-cell alpha chemoattractant, I-TAC, Small-inducible cytokine B11		
Description:	I-TAC is a "non-ELR" CXC chemokine that is regulated by interferon and signals through the CXCR3 receptor. I-TAC is chemoattractant for IL-2 activated T-cells, but does not affect freshly isolated unstimulated T-cells, neutrophils, or monocytes. Recombinant mouse I-TAC is a 9.0 kDa protein containing 79 amino acid residues including the four highly conserved cysteine residues present in CXC chemokines.		
UniProt ID:	Q9JHH5		
Gene ID:	56066		
Source:	<i>E. coli</i>		
Molecular Weight:	9.0 kDa, (79 aa)		
Formulation:	Lyophilized from a sterile-filtered solution without preservative.		
Purity:	> 98% by SDS-PAGE gel and HPLC analyses.		
Endotoxin Level:	< 1 EU/µg		
Biological Activity:	Ability to chemoattract mouse CXCR3 transfected HEK293 cells using a concentration range of 10-100 ng/ml.		
Amino Acid Sequence:	FLMFKQGRCL CIGPGMKAVK MAEIEKASVI YPSNGCDKVE VIVTMKAHKR QRCLDPRSKQ ARLIMQAIEK KNFLRRQNM		
Reconstitution:	Centrifuge vial prior to opening. Reconstitute in water to a concentration of 0.1 - 1.0 mg/ml. This solution can then be diluted into other aqueous buffers and stored at 4°C for 1 week or -20°C for future use.		
Storage & Stability:	Store as supplied at -20°C to -80°C for up to 1 year. Upon reconstitution, store at 2-8°C for up to 1 month or prepare working aliquots and store at -20°C to -80°C for up to 3 months. 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.		

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