

## Cxcl11

### Recombinant Mouse I-TAC / CXCL11 (His Tag)

<b>Catalog No.</b>	CRM549A-His CRM549B-His	<b>Quantity:</b>	20 µg 100 µg
<b>Alternate Names:</b>	C-X-C motif chemokine 11, Interferon-inducible T-cell alpha chemoattractant, I-TAC, Small-inducible cytokine B11		
<b>Description:</b>	CXCL11 is a small cytokine belonging to the CXC chemokine family, and its gene is located on human chromosome 4 along with many other members of the CXC chemokine family. It is highly expressed in peripheral blood leukocytes, pancreas and liver, with moderate levels in thymus, spleen and lung and low expression levels were in small intestine, placenta and prostate. CXCL11 elicits its effects on its target cells by interacting with the cell surface chemokine receptor CXCR3, with a higher affinity than do the other ligands for this receptor, CXCL9 and CXCL1. CXCL11 is chemotactic for activated T cells.		
<b>UniProt ID:</b>	Q9JHH5		
<b>Accession Number:</b>	NP_062367.1		
<b>Protein Construction:</b>	A DNA sequence encoding the mouse Cxcl11 (Phe22-Met100) was expressed with a polyhistidine tag at the C-terminus.		
<b>Source:</b>	Yeast		
<b>Formulation:</b>	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.		
<b>Molecular Weight:</b>	The recombinant mouse Cxcl11 consists of 89 amino acids with a predicted molecular mass of 10.5 kDa.		
<b>Purity:</b>	> 95 % as determined by SDS-PAGE.		
<b>Biological Activity:</b>	Testing in progress		
<b>Predicted N-terminal:</b>	Phe 22		
<b>Reconstitution:</b>	<b>Centrifuge vial prior to opening.</b> Add sterile distilled water to a concentration of 0.1 mg/mL and gently pipette the solution up and down the sides of the vial. <b>DO NOT VORTEX.</b> Allow several minutes for complete reconstitution.		
<b>Storage &amp; Stability:</b>	Stable for up to 1 year from date of receipt at -20°C to -80°C After reconstitution, store working aliquots at -20°C to -80°C. <b>Avoid repeated freeze-thaw cycles.</b>		

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



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