



Recombinant Human I-TAC (CXCL11)

20150227BB



FOR RESEARCH ONLY! NOT FOR HUMAN USE!

Cat.-no.:	100-058S
Size:	5 µg
Lot. No.:	According to product label

Sequence

FPMFKRGRCLCIGPGVKAVKQVADIEKASIMYPSNNDKIEVITLTKENKGQR
CLNPKSKQARLI I KKVERKNF

Database References

Protein RefSeq:	NP_005400.1
Uniprot ID:	O14625
mRNA RefSeq:	NM_005409.4

Scientific Background

Gene-ID (NCBI):	6373
Synonyms:	CXCL11; IP9; H174; IP-9; b-R1; I-TAC; SCYB11; SCYB9B

Human I-TAC (Interferon-inducible T cell alpha chemoattractant) is an 8.3 kDa protein containing 73 amino acid residues. I-TAC is a novel non-ELR CXC chemokine. It is regulated by Interferon and has potent chemoattractant activity for IL-2 activated T cells, but not for freshly isolated unstimulated T cells, neutrophils, or monocytes.

Product Specifications

Expressed in	E. coli
Purity	> 98% by SDS-PAGE & HPLC analyses
Endotoxin level	< 0.1 ng /µg of protein (<1EU/µg).
Formulation	lyophilized
Length (aa):	73
MW:	8.3 kDa

Biological Activity: Determined by its ability to chemoattract IL-2 activated T-cells using a concentration range of 0.1-10.0 ng/ml.



AVOID REPEATED FREEZE AND THAW CYCLES!