



Recombinant Mouse I-TAC (CXCL11)

20150227BB



FOR RESEARCH ONLY! NOT FOR HUMAN USE!

Cat.-no.:	M10-086
Size:	20 µg
Lot. No.:	According to product label

Sequence

FLMFKQGRCLCIGPGMKAVKMAEIEKASVIYPSNGCDKVEVIVTMKAHKRQR
CLDPRSKQARLIMQAIEKKNFLRRQNM

Database References

Protein RefSeq:	NP_062367.1
Uniprot ID:	Q9JHH5
mRNA RefSeq:	NM_019494.1

Scientific Background

Gene-ID (NCBI):	56066
Synonyms:	CXCL11

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 un-stimulated T cells, neutrophils, or monocytes. Recombinant murine I-TAC is a 9.0 kDa protein containing 79 amino acid residues including the four highly conserved cysteine residues present in CXC chemokines.

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):	79
MW:	9.0 kDa

Biological Activity: Determined by its ability to chemoattract murine CXCR3 transfected HEK/293 cells using a concentration range of 10.0-100.0 ng/ml.



AVOID REPEATED FREEZE AND THAW CYCLES!