# **Product Datasheet**

## Recombinant Human CXCL11/I-TAC Protein NBP2-34922-5ug

Unit Size: 5ug

Store at -20 to -70C as supplied. After reconstitution, store at 2 to 8C for 1 month and at -20 to -70C for long term storage. Avoid repeated freeze-thaw cycles.

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**Publications: 2** 

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## NBP2-34922-5ug

Recombinant Human CXCL11/I-TAC Protein

Product Information	
Unit Size	5ug
Concentration	Lyoph
Storage	Store at -20 to -70C as supplied. After reconstitution, store at 2 to 8C for 1 month and at -20 to -70C for long term storage. Avoid repeated freeze-thaw cycles.
Preservative	No Preservative
Reconstitution Instructions	Recommended to centrifuge prior to opening. Reconstitute in sterile distilled water or aqueous buffer containing 0.1% BSA to a concentration of 0.1-1.0mg/mL.
Purity	> 97 % pure by SDS-PAGE and HPLC
Buffer	Lyophilized from a 0.2 um filtered concentrated solution in 20 mM PB, pH 7.4, 100 mM NaCl.
Target Molecular Weight	8.3 kDa
Product Description	
Description	A single non-glycosylated polypeptide chain containing 73 amino acids corresponding to CXCL11/I-TAC <b>Source</b> : <i>E. coli</i> <b>Uniprot ID</b> : <i>014625</i> <b>Amino Acid Sequence</b> : <i>FPMFKRGRCL CIGPGVKAVK VADIEKASIM</i> <i>YPSNNCDKIE VIITLKENKG QRCLNPKSKQ ARLIIKKVER KNF</i>
Gene ID	6373
Gene Symbol	CXCL11
Species	Human
Details of Functionality	CXCL11 Protein is fully biologically active when compared to standard. The biological activity determined by a chemotaxis bioassay using human IL-2 activated human T-lymphocytes is in a concentration range of 0.1-10 ng/ml.
Endotoxin Note	Less than 1 EU/ug of CXCL11/I-TAC as determined by LAL method.
Product Application Details	
Applications	SDS-Page, Bioactivity
Recommended Dilutions	SDS-Page, Bioactivity

#### Images

SDS-Page: Human CXCL11/I-TAC Protein [NBP2-34922]





#### **Publications**

Hornung T, O'Neill HA, Logie SC et al. ADAPT identifies an ESCRT complex composition that discriminates VCaP from LNCaP prostate cancer cell exosomes Nucleic Acids Res. 2020-01-28 [PMID: 31989173] (ELISA, Human)

Giroud C, Marin M, Hammonds J et al. P2X1 receptor antagonists inhibit HIV-1 fusion by blocking virus-coreceptor interactions J. Virol. 2015-07-01 [PMID: 26136569] (Func, Human)

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#### Products Related to NBP2-34922-5ug

M6000B-1	IL-6 [HRP]
DCX110	CXCL11/I-TAC [HRP]
210-TA-005	TNF-alpha [Unconjugated]
NBP2-61348-5ug	Recombinant Mouse CXCL11/I-TAC Protein

#### Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Peptides and proteins are guaranteed for 3 months from date of receipt.

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