Murine I-TAC / CXCL11

Synonyms: C-X-C motif chemokine 11, I-TAC, Small-inducible cytokine B11, Cxcl11, Scyb11.

PLEASE NOTE: ALWAYS CENTRIFUGE VIAL BEFORE OPENING

Size	Order #	Lot #	Expiry Date
5 µg	1605.960.005		
20 µg	1605.960.020		
1 mg	1605.960.199		

Please enquire for bulk quantities and other vial sizes

Description

I TAC Murine Recombinant produced in *E.Coli* is a single, non-glycosylated, polypeptide chain containing 79 amino acids and having a molecular mass of 9.1kDa.

- **Source** *E. Coli*
- **Purity** ≥ 98 % (SDS-PAGE, RP-HPLC)
- **Endotoxin level** ≤ 0.1ng/µg (≤ 1EU/µg)
- **Buffer** I TAC protein was lyophilized from a 0.2 µm filtered concentrated solution in 10 mM Sodium Citrate, pH 4.0, with 600 mM NaCl*
- **Physical state** Sterile filtered, lyophilized

Biological Activity

Fully biologically active when compared to standard. The biological activity determined by a chemotaxis bioassay using murine CXCR3 transfected 293 cells is in a concentration of 10-100 ng/ml corresponding to a specific activity of 10,000-100,000 IU/mg.

Reconstitution

It is recommended to reconstitute the lyophilized I TAC in sterile 18M-cm H2O not less than 100µg/ml, which can then be further diluted to other aqueous solutions.

Stability

Lyophilized I TAC although stable at room temperature for 3 weeks, should be stored desiccated below -18°C. Upon reconstitution I TAC should be stored at 4°C between 2-7 days and for future use below -18°C. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). **Please avoid repeated freeze-thaw cycles**.

Amino Acid Sequence

FLMFKQGRCL CIGPGMKAVK MAEIEKASVI YPSNGCDKVE VIVTMKAHKR QRCLDPRSKQ ARLIMQAIEK KNFLRRQNM

Usage: For research use only. Not for use in diagnostic or therapeutic procedures. Not for human use.

*The Buffer may vary depending on the Lot #. Please contact our technical support if you have specific requirements.

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