IL17B
Recombinant Human Interleukin-17B

Catalog No.	CRI198B	**Quantity:**	25 µg

Alternate Names: IL17B; NIRF; IL-20; IL-17B; Zcyto7

Description: IL-17B is a disulfide-linked homodimer of two 161 amino acid polypeptide chains. It belongs to the IL-17 family of structurally-related cytokines that share a highly conserved C-terminal region but differ from one another in their N-terminal regions and in their distinct biological roles. The six known members of this family, IL-17A through IL-17F, are secreted as homodimers. IL-17B is expressed by T-cells and has been shown to stimulate release of TNF-alpha and IL-1beta from cells of the monocyte lineage.

UniProt ID: Q9UHF5

GeneID: 27190

Source: *E. coli*

Molecular Weight: 36.6 kDa.

Formulation: Sterile filtered and lyophilized from PBS, pH 7.5.

Purity: >98% by SDS-PAGE and HPLC

Endotoxin Level: < 1EU/µg

Biological Activity: Determined by its ability to induce IL-8 in human PBMCs using a concentration range of 10 ng-100 ng. Note: Results may vary with PBMC donors.

Amino Acid Sequence: MQPRSPKSKR KGQGRPGPLA PGPHQVPLDL VSRMKPYARM EEYERNIEEM VAQLRNSSEL AQRKCEVNLQ LWMSNKRSLS PWGYSINHDP SRIPVDLPEA RCLCLGCVNP FTMQEDRSMV SVPVFSQVPV RRRLCPPPPR TGPCRQRAVM ETIAVGCTCI F

Reconstitution: **Centrifuge the vial prior to opening.** Reconstitute in water to a concentration of 0.1-1.0 mg/ml. The solution may be stored at 2-8°C for 1 week. Recommended storage at -20°C to -80°C as working aliquots. Further dilution should be made into buffer containing a carrier protein or medium containing serum.

Storage & Stability: Store as supplied at -20°C to -80°C for up to 1 year. Upon reconstitution, prepare working aliquots and store at -20°C to -80°C. It is recommended that a carrier protein such as 0.1% HSA or BSA is added for long term storage.
Avoid repeated freeze-thaw cycles.

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