



Recombinant Human IL-17B

20150227BB



FOR RESEARCH ONLY! NOT FOR HUMAN USE!

Cat.-no.:	100-225
Size:	25 µg
Lot. No.:	According to product label

Scientific Background

Gene-ID (NCBI):	27190
Synonyms:	IL17B; NIRF; IL-20; IL-17B; ZCYTO7

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. Recombinant human IL-17B is a 36.6 kDa disulfide-linked homodimer of two 161 amino acid polypeptide chains.

Sequence

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MQPRSPKSKR KGQGRPGPLA PGPHQVPLDL VSRMKPYARM  
EEYERNIEEM VAQLRNSSEL AQRKCEVNLQ LWMSNKRSLG  
PWGYSINHDP SRIPVDLPEA RCLCLGCVNP FTMQEDRSMV  
SVPVFSQVPEV RRRLCPPPPR TGPCRQRAVM ETIAVGCTCI F
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Database References

Protein RefSeq:	NP_055258.1
Uniprot ID:	Q9UHF5
mRNA RefSeq:	NM_014443

Product Specifications

Expressed in	E. coli
Purity	> 98% by SDS-PAGE & HPLC analyses
Structural Information	disulphide-linked homodimer
Endotoxin level	< 0.1 ng /µg of protein (<1EU/µg).
Formulation	lyophilized
Length (aa):	161
MW:	36.6 kDa

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



AVOID REPEATED FREEZE AND THAW CYCLES!