

IL-17B, Human Recombinant

CATALOG #:	7106-10	10 µg
	7106-50	50 µg
ALTERNATE NAMES:	IL20, NIRF	
SOURCE:	E.coli	
PURITY:	≥ 98% by SDS-PAGE gel and HPLC analyses	
MOL. WEIGHT:	36.6 kDa	
ENDOTOXIN LEVEL:	< 0.1 ng/µg of protein (<1EU/µg).	
FORM:	Lyophilized	
FORMULATION:	Sterile filtered through a 0.2 micron filter. Lyophilized from 1x PBS, pH 7.5.	
STORAGE CONDITIONS:	Store at -20°C. After reconstitution, aliquot and store at -20°C to -80°C. Avoid repeated freezing and thawing cycles.	

RECONSTITUTION:

Centrifuge the vial prior to opening. Reconstitute in water to a concentration of 0.1-1.0 mg/ml. Do not vortex. This solution can be stored at 2-8°C for up to 1 week. For extended storage, it is recommended to further dilute in a buffer containing a carrier protein (example 0.1% BSA) and store in working aliquots at -20°C to -80°C.

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-α and IL-1β from cells of the monocyte lineage. Recombinant human IL-17B is a 36.6 kDa nondisulfide-linked homodimer of two 161 amino acid polypeptide chains.

BIOLOGICAL ACTIVITY:

Determined by its ability to induce IL-8 production in human PBMCs using a concentration range of 10.0-100.0 ng/ml. Please note: Results may vary with PBMC donors.

AMINO ACID SEQUENCE:

MQPRSPKSKR KGQGRPGPLA PGPHQVPLDL VSRMKPYARM EEYERNIEEM
VAQLRNSSSEL AQRKCEVNLQ LWMSNKRSLs PWGYSINHDP SRIPVDLPEA
RCLCLGCVNP FTMQEDRSMV SVPVFSQVPV RRRLCPPPPR TGPCRQRAVM
ETIavgctci F

RELATED PRODUCTS:

- IL-17A, mouse recombinant (Cat # 7105-10, -50)
- IL-17D, human recombinant (Cat # 7107-10, -50)
- Human Cell^{exp} Human Recombinant IL-17A (Cat # 6468-10, -50)
- Human Cell^{exp} Human Recombinant IL-17F (Cat # 6469-10, -50)
- IL-17, murine recombinant (Cat # 4177-10, -1000)
- IL-17A, human recombinant (Cat # 4176-25, -1000)
- IL-17A, rat recombinant (Cat # 4178-25, -1000)
- IL-17A/F, human recombinant (Cat # 4176AF-10, -50, -1000)
- IL-17E, human recombinant (Cat # 4176E-25, -1000)
- IL-17E, murine recombinant (Cat # 4177E-25, -100, -1000)
- IL-17E, rat recombinant (Cat # 4178E-25, -100, -1000)
- IL-17F, human recombinant (Cat # 4176F-25, -1000)
- IL-17F, murine recombinant (Cat # 4177F-25, -100, -1000)
- IL-17F, rat recombinant (Cat # 4178F-25, -100, -1000)
- IL-17 Antibody (Cat # 5176-200)

FOR RESEARCH USE ONLY! Not to be used in humans.