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32-6455: IL17B Human, Sf9

Alternative Name : Interleukin-17B, IL-17B, Cytokine Zcyto7, Interleukin-20, Neuronal interleukin-17-related factor, IL20, NIRF, ZCYTO7.Â

Description

Source: Sf9, Baculovirus cells.
Sterile filtered colorless solution.
IL-17 family members are glycoproteins secreted as dimers which induce local cytokine production and recruit granulocytes to sites of inflammation. The IL-17 family is comprised of at least six pro-inflammatory cytokines that share a conserved cysteine-knot structure but diverge at the N-terminus. IL-17 is induced by IL-15 and IL-23, mostly in activated CD4+ T cells distinct from Th1 or Th2 cells. IL-17B binds the IL-17B receptor, but not the IL-17 receptor; it is most homologous with IL-17D, which is expressed by resting CD4+ T cells and CD19+ B cells. IL17B Diseases associated with IL17B include spondyloarthropathy, and neuronitis, and among its related super-pathways are Mucin expression in CF via IL-6, IL-17 signaling pathways and STAT3 Pathway.
IL17B Human Recombinant produced in Sf9 Baculovirus cells is a single, glycosylated polypeptide chain containing 169 amino acids (21-180a.a.) and having a molecular mass of 19.2kDa (Molecular size on SDS-PAGE will appear at approximately 18-28kDa). IL17B is expressed with a 6 amino acid His-tag at C-Terminus and purified by proprietary chromatographic techniques.

Product Info

Amount :	1 µg / 5 µg
Purification :	Greater than 90.0% as determined by SDS-PAGE.
Content :	IL17B protein solution (0.25mg/ml) contains Phosphate buffered saline (pH7.4) and 10% glycerol.
Storage condition :	Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA).Avoid multiple freeze-thaw cycles.
Amino Acid :	ADPQPRSPKS KRKGQGRPGP LAPGPHQVPL DLVSRMKPYA RMEEYERNIE EMVAQLRNSS ELAQRKCEVN LQLWMSNKRS LSPWGYSINH DPSRIPVDLP EARCLCLGCV NPFTMQEDRS MVSVPVFSQV PVRRRLCPPP PRTGPCRQRA VMETIAVGCT CIFHHHHHH.

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