

IL17B, 21-180aa, Human, His-tag, Baculovirus

Cat.NO.: TP02615

3th Edition

Synonyms: Interleukin-17B isoform 1, IL17B, IL-17B, IL-20, NIRF, ZCYTO7

Description: IL17B, also known as interleukin-17B isoform 1, is a T cell-derived cytokine that shares sequence similarity with IL17. This cytokine was reported to stimulate the release of TNF alpha (TNF) and IL1 beta (IL1B) from a monocytic cell line. It plays a role in inflammation and bone growth. IL-17B binds to IL-17 RB and induces the production of inflammatory cytokines and the infiltration of inflammatory immune cells. Recombinant human IL17B protein, fused to His-tag at C-terminus, was expressed in insect cell and purified by using conventional chromatography techniques.

Form: Liquid. In Phosphate Buffered Saline (pH 7.4) containing 10% glycerol.

Molecular Weight: 19.2kDa (169aa) 18-28kDa (SDS-PAGE under reducing conditions.)

Sequences:

ADPQPRSPKSKRKGQGRPGPLAPGPHQVPLDLVSRMKPYARMEEYERNIEEMVAQLRNSSELAQRKCEVNLQLW
MSNKRSLSPWGYSINHDPRIVDLPEARCLCLGCVNPFTMQEDRSMVSVPVFSQVPVRRRLCPPPPRTGPCRQ
RAVMETIAVGCTCIFHHHHHH

Purity: > 95% by HPLC

Concentration: 0.25mg/ml (determined by Absorbance at 280nm)

Endotoxin Level: <1.0 EU per 1 ug of protein (determined by LAL method)

Storage: Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.