Recombinant Human IL17B protein, His-tagged

Cat. No. IL17B-136H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human IL17B(21-180aa) fused with His tag at C-terminal was expressed in Insect cells.
Species	Human
Source	Insect Cells
ProteinLength	21-180 a.a.
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.
Form	Liquid. In Phosphate Buffered Saline (pH 7.4) containing 10% glycerol.
Molecular Mass	19.2kDa (169aa) 18-28KDa (SDS-PAGE under reducing conditions.)
AA Sequence	ADPQPRSPKS KRKGQGRPGP LAPGPHQVPL DLVSRMKPYA RMEEYERNIE EMVAQLRNSS ELAQRKCEVN LQLWMSNKRS LSPWGYSINH DPSRIPVDLP EARCLCLGCV NPFTMQEDRS MVSVPVFSQV PVRRRLCPPP PRTGPCRQRA VMETIAVGCT CIFHHHHHH

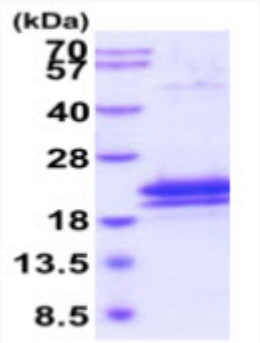
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Endotoxin	< 1.0 EU per 1 microgram of protein (determined by LAL method)
Purity	> 90% by SDS - PAGE
Applications	SDS-PAGE
Storage	Can be stored at +4 centigrade short term (1-2 weeks). For long term storage, aliquot and store at -20 centigrade or -70 centigrade. Avoid repeated freezing and thawing cycles.
Concentration	0.25mg/ml (determined by Absorbance at 280nm)

GENE INFORMATION

Gene Name	IL17B interleukin 17B [Homo sapiens]
Official Symbol	IL17B
Synonyms	IL17B; interleukin 17B; interleukin-17B; IL 17B; IL 20; MGC138900; MGC138901; neuronal interleukin 17 related factor; NIRF; ZCYTO7; interleukin 20; interleukin-20; cytokine Zcyto7; interleukin-17 beta; cytokine-like protein ZCYTO7; neuronal interleukin-17 related factor; neuronal interleukin-17-related factor; IL-20; IL-17B;
Gene ID	27190
mRNA Refseq	NM_014443
Protein Refseq	NP_055258
MIM	604627

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UniProt ID	Q9UHF5
Chromosome Location	5q33.1
Pathway	Cytokine-cytokine receptor interaction, organism-specific biosystem; Cytokine-cytokine receptor interaction, conserved biosystem;
Function	cytokine activity;
	 15% SDS-PAGE (3ug)

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