

## Active Recombinant Human IL17B Protein (Gln21-Phe180), C-His tagged, Animal-free, Carrier-free

Cat. No. IL17B-126H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human IL17B Protein (Gln21-Phe180) with C-His tag was expressed in E. coli and Animal-free as well as Carrier-free.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	Gln21-Phe180
<b>Description</b>	Interleukin 17B (IL-17B) predicts a molecular mass of 20.4 kDa, is expressed in several peripheral tissues and immune tissues. In contrast to the high level of IL-6 secretion stimulated by IL-17A, IL-17B failed to induce IL-6 secretion in fibroblasts; however, it significantly enhanced the TNF- $\alpha$ -induced production of G-CSF and IL-6 in the fibroblasts
<b>Form</b>	Lyophilized
<b>Bio-activity</b>	Measure by its ability to induce IL-8 secretion in human PBMCs. The ED50 for this effect is < 49 ng/mL.
<b>Molecular Mass</b>	The protein has a calculated MW of 19.09 kDa. The protein migrates as 17 kDa under reducing condition (SDS-PAGE analysis).
<b>Endotoxin</b>	< 0.1 EU/ $\mu$ g of the protein by the LAL method.

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<b>Purity</b>	>98% as determined by SDS-PAGE analysis.
<b>Storage</b>	This product is stable after storage at: -20 centigrade for 12 months in lyophilized state from date of receipt. -20 or -80 centigrade for 1 month under sterile conditions after reconstitution. Avoid repeated freeze/thaw cycles.
<b>Storage Buffer</b>	Lyophilized from a 0.2 µm filtered solution of PBS, pH 8.0.
<b>Reconstitution</b>	It is recommended to reconstitute the lyophilized protein in sterile H2O to a concentration not less than 200 µg/mL and incubate the stock solution for at least 20 min to ensure sufficient re-dissolved.
<b>Shipping</b>	The product is shipped with polar packs. Upon receipt, store it immediately at -20 centigrade or lower for long term storage.

## GENE INFORMATION

<b>Gene Name</b>	IL17B interleukin 17B [ <i>Homo sapiens (human)</i> ]
<b>Official Symbol</b>	IL17B
<b>Synonyms</b>	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;
<b>Gene ID</b>	27190
<b>mRNA Refseq</b>	NM_014443

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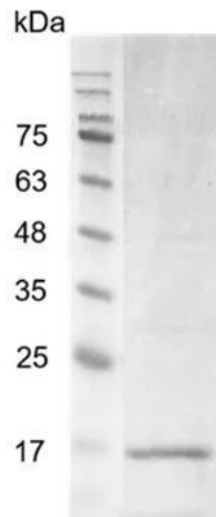
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**Protein Refseq** NP\_055258

**MIM** 604627

**UniProt ID** Q9UHF5

**SDS-PAGE analysis  
of recombinant  
human IL-17B.**



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