

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

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

SPECIFICATION

Product Overview	Recombinant Human IL17B Protein (Gln21-Phe180) with C-His tag was expressed in E. coli and Animal-free as well as Carrier-free.
Species	Human
Source	E.coli
ProteinLength	Gln21-Phe180
Description	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- α -induced production of G-CSF and IL-6 in the fibroblasts
Form	Lyophilized
Bio-activity	Measure by its ability to induce IL-8 secretion in human PBMCs. The ED50 for this effect is < 49 ng/mL.
Molecular Mass	The protein has a calculated MW of 19.09 kDa. The protein migrates as 17 kDa under reducing condition (SDS-PAGE analysis).
Endotoxin	< 0.1 EU/ μ g of the protein by the LAL method.

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Purity	>98% as determined by SDS-PAGE analysis.
Storage	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.
Storage Buffer	Lyophilized from a 0.2 µm filtered solution of PBS, pH 8.0.
Reconstitution	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.
Shipping	The product is shipped with polar packs. Upon receipt, store it immediately at -20 centigrade or lower for long term storage.

GENE INFORMATION

Gene Name	IL17B interleukin 17B [Homo sapiens (human)]
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

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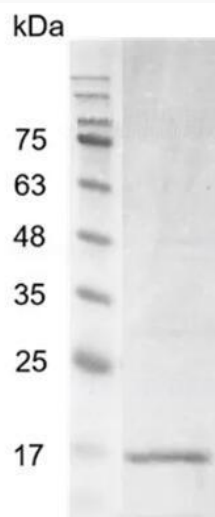
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Protein Refseq NP_055258

MIM 604627

UniProt ID Q9UHF5

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



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