

## Recombinant Active Human IL17B Protein, His-tagged(C-ter)

Cat. No. IL17B-150H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Active Human IL17B Protein with His tag (C-ter) was expressed in E. coli.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>Description</b>	The protein encoded by this gene 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. Immunohistochemical analysis of several nerve tissues indicated that this cytokine is primarily localized to neuronal cell bodies. [provided by RefSeq, Jul 2008]
<b>Form</b>	Powder
<b>Bio-activity</b>	Determined by its ability to induce IL-8 secretion in human PBMCs. The ED50 for this effect is < 49 ng/mL.
<b>AA Sequence</b>	MQPRSPKSKRKGQGRPGPLAPGPHQVPLDLVSRMKPYARMEEYERNIEEMVAQLR NSSELAQRKCEVNLQLWMSNKRSLSPWGYSINHDPSPRIPVDLPEARCLCLGCVNPF TMQEDRSMVSPVFSQVPVRRRLCPPPPRTGPCRQRAVMETIAVGCTCIF
<b>Endotoxin</b>	Endotoxin level is less than 0.1 EU/μg of the protein, as determined by the LAL test.
<b>Purity</b>	> 98% (by SDS-PAGE)

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<b>Applications</b>	SDS-PAGE
<b>Notes</b>	For laboratory research only, not for drug, diagnostic or other use.
<b>Storage</b>	Lyophilized protein should be stored at -20°C. After reconstitution, aliquot and store at -20°C or -80°C for up to one month. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening.
<b>Storage Buffer</b>	PBS (pH 8.0)
<b>Reconstitution</b>	It is recommended to reconstitute the lyophilized protein in sterile water to a concentration not less than 100 µg/mL and incubate the stock solution for at least 20 min at room temperature to make sure the protein is dissolved completely.

## GENE INFORMATION

<b>Gene Name</b>	IL17B interleukin 17B [ Homo sapiens ]
<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
<b>Protein Refseq</b>	NP_055258

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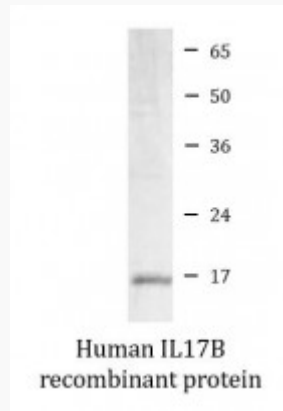
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**MIM** 604627

**UniProt ID** Q9UHF5

**SDS-PAGE**



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