

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

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

SPECIFICATION

Product Overview	Recombinant Active Human IL17B Protein with His tag (C-ter) was expressed in E. coli.
Species	Human
Source	E.coli
Description	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]
Form	Powder
Bio-activity	Determined by its ability to induce IL-8 secretion in human PBMCs. The ED50 for this effect is < 49 ng/mL.
AA Sequence	MQPRSPKSKRKGQGRPGPLAPGHQVPLDLVSRMKPYARMEEYERNIEEMVAQLR NSSELAQRKCEVNLQLWMSNKRSLSPWGYSINHDPSPRIPVDLPEARCLCLGCVNPF TMQEDRSMVSPVFSQVPVRRRLCPPPPRTGPCRQRAVMETIAVGCTCIF
Endotoxin	Endotoxin level is less than 0.1 EU/μg of the protein, as determined by the LAL test.
Purity	> 98% (by SDS-PAGE)

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Applications	SDS-PAGE
Notes	For laboratory research only, not for drug, diagnostic or other use.
Storage	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.
Storage Buffer	PBS (pH 8.0)
Reconstitution	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

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

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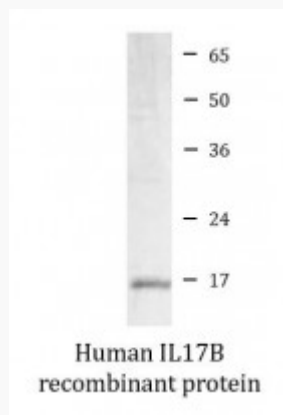
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MIM 604627

UniProt ID Q9UHF5

SDS-PAGE



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