

# Active Recombinant Human interleukin 17B, MIgG2a Fc-tagged

Cat. No. IL17B-315H Lot. No. (See product label)

## SPECIFICATION

|                         |   |
|-------------------------|---|
| <b>Product Overview</b> | The extracellular domain of human IL-17B(AAI13926.1)(Gln21-Phe180) is fused to the N-terminus of the Fc region of mouse IgG2a was expressed in CHO cell.  |
| <b>Species</b>          | Human   |
| <b>Source</b>           | CHO   |
| <b>ProteinLength</b>    | 21-180 a.a.   |
| <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 |
| <b>Form</b>             | Lyophilized from 0.2µm-filtered solution in PBS.  |
| <b>Bio-activity</b>     | Measured by its ability to induce IL-8 secretion.   |
| <b>Molecular Mass</b>   | 44KDa (monomer)   |
| <b>AA Sequence</b>      | Gln21-Phe180  |
| <b>Endotoxin</b>        | <0.06 eu/µg="" as="" determined="" by="" lal="">  |

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|                         |  |
|-------------------------|--|
| <b>Purity</b>           | >98%, by SDS-PAGE under reducing conditions.   |
| <b>Stability</b>        | Stable for at least 1 year after receipt when stored at -20°C. Working aliquots are stable for up to 3 months when stored at -20°C.  |
| <b>Reconstitution</b>   | Reconstitute at 100µg/ml in sterile PBS.   |
| <b>Warning</b>          | Avoid freeze/thaw cycles.  |
| <b>GENE INFORMATION</b> |  |
| <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  |
| <b>MIM</b>              | 604627   |
| <b>UniProt ID</b>       | Q9UHF5   |
| <b>Chromosome</b>       | 5q33.1   |

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**Location****Pathway**

Cytokine-cytokine receptor interaction, organism-specific biosystem; Cytokine-cytokine receptor interaction, conserved biosystem;

**Function**

cytokine activity;

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