

## Recombinant Mouse Il17rd Protein, Myc/DDK-tagged

**Cat. No.** Il17rd-3502M    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Purified recombinant protein of mouse full-length interleukin 17 receptor D (Il17rd), with C-terminal MYC/DDK tag, expressed in HEK293T cells.                                                                                                                                                                                                                                                                                                                                                         |
| <b>Species</b>          | Mouse                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Source</b>           | HEK293                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>Description</b>      | Feedback inhibitor of fibroblast growth factor mediated Ras-MAPK signaling and ERK activation. Regulates the nuclear ERK signaling pathway by spatially blocking nuclear translocation of activated ERK. Mediates JNK activation and may be involved in apoptosis. May inhibit FGF-induced FGFR1 tyrosine phosphorylation. Might have a role in the early stages of fate specification of GnRH-secreting neurons. Inhibits TGFB-induced epithelial-to-mesenchymal transition in lens epithelial cells. |
| <b>Molecular Mass</b>   | 82.3 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Purity</b>           | > 80% as determined by SDS-PAGE and Coomassie blue staining                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Stability</b>        | Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.                                                                                                                                                                                                                                                                                                                                                          |
| <b>Storage</b>          | Store at -80 centigrade after receiving vials.                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>Concentration</b>    | >50 µg/mL as determined by microplate BCA method                                                                                                                                                                                                                                                                                                                                                                                                                                                       |

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**Storage Buffer** 25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

## GENE INFORMATION

**Gene Name** IL17rd interleukin 17 receptor D [ Mus musculus (house mouse) ]

**Official Symbol** IL17rd

**Synonyms** IL17RD; interleukin 17 receptor D; interleukin-17 receptor D; mSef; IL-17RD; sef homolog; IL-17 receptor D; interleukin-17 receptor-like protein; Sef; Sef-S; AI428510; 2810004A10Rik; MGC118454

**Gene ID** 171463

**mRNA Refseq** NM\_134437

**Protein Refseq** NP\_602319

**UniProt ID** Q8JZL1

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