

Recombinant Mouse Il17rd Protein, Myc/DDK-tagged

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

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length interleukin 17 receptor D (Il17rd), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	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.
Molecular Mass	82.3 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.
Concentration	>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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