

**Il17rb, 18-286aa, Mouse, hlgG-His-tag, Baculovirus**

**Cat.NO.: TP02617**

3th Edition

**Synonyms:** Interleukin-17 receptor B, Il17rb, Evi27, IL-17ER, IL-17Rh1, Il17br, IL17RH1

**Description:** Il17rb, also known as Interleukin-17 receptor B, is a cytokine receptor. This receptor specifically binds to IL17B and IL17E (IL25), but does not bind to IL17(A) or IL17C. It has been shown to mediate the activation of NF- $\kappa$ B and the production of IL8 induced by IL17E. It was found to be significantly up-regulated during intestinal inflammation, which suggested the immune regulatory activity of this receptor. Recombinant mouse Il17rb, fused to hlgG-His-tag at C-terminus, was expressed in insect cell and purified by using conventional chromatography techniques.

**Form:** Liquid. In Phosphate Buffered Saline (pH 7.4) containing 10% glycerol.

**Molecular Weight:** 57.1kDa (511aa), 57-70kDa (SDS-PAGE under reducing conditions.)

**Sequences:**

ADPREPTIQCGSETGPSPEWMVQHLLTPGDLRDLQVELVKTSVAAEEFSILMNISWILRADASIRLLKATKICVSGKN  
NMNSYSCVRCNYTEAFQSQTRPSGGKWTFSYVGFVVELSTLYLISAHNIPNANMNEDSPSLSVNFTSPGCLNHVM  
KYKKQCTEAGSLWDPDITACKKNEKMVEVNFTTNPLGNRYTILIQRDITLGFVSRVLENKLMRTSVAIPVTEESEGAV  
VQLTPYLHTCGNDCIRREGTVVLCSETSAPIPPDDNRRMLGGVEPKSCDKTHTCPPCPAPPELLGGPSVFLFPPKPK  
DTLMISRTPEVTCVVVDVSHEDPEVKFNWYVDGVEVHNAKTKPREEQYNSTYRVVSVLTVLHQDWLNGKEYKCKV  
SNKALPAPIEKTISKAKGQPREPQVYTLPPSRDELTKNQVSLTCLVKGFYPSDIAVEWESNGQPENNYKTTTPVLDS  
DGSFFLYSKLTVDKSRWQQGNVFCFSVMHEALHNHYTQKSLSLSPGKHHHHHHH

**Purity:** > 95% by HPLC

**Concentration:** 1mg/ml (determined by Absorbance at 280nm)

**Endotoxin Level:** <1.0 EU per 1 ug of protein (determined by LAL method)

**Storage:** Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.