

IL17RB, 18-292, Human, hlgG-His tag, Insect cell

Cat.NO.: TP02618

3th Edition

Synonyms: Interleukin-17 receptor B , CRL4, EVI27, 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-kappaB and the production of IL8 induced by IL17E. It was found to be significantly up-regulated during intestinal inflammation, which suggested the immunoregulatory activity of this receptor. Recombinant human 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: 57.2kDa (514aa), Reducing conditions 50-70KDa (SDS-PAGE under reducing conditions.)

Sequences:

REPTVQCGSETGPSPEWMLQHDLPGLDLRDLRVEPVTTTSVATGDYSILMNVSWVLRADASIRLLKATKICVTGKSNF
QSYSCVRCNYTEAFQTQTRPSGGKWTFSYIGFPVELNTVYFIGAHNIPNANMNEDGPSMSVNFSTPGCLDHIMKYK
KKCVKAGSLWDPNITACKKNEETVEVNFTTTPLGNRYMALIQHSTIIGFSQVFEPHQKKQTRASVVIPVTGDSEGAT
VQLTPYFPTCGSDCIRHKGTVVLCPTGVPFPLDNNKSKPGGWLPVEPKSCDKTHTCPPCPAPELLGGPSVFLFPP
KPKDTLMISRTPEVTCVVVDVSHEDPEVKFNWYVDGVEVHNAKTKPREEQYNSTYRVVSVLTVLHQDWLNGKEYK
CKVSNKALPAPIEKTISKAKGQPREPQVYTLPPSRDELTKNQVSLTCLVKGFYPSDIAVEWESNGQPENNYKTTTPPV
LDSDGSFFLYSKLTVDKSRWQQGNVFCFSVMHEALHNHYTQKSLSLSPGKHHHHHH

Purity: > 95% by HPLC

Concentration: 0.25mg/ml (determined by Bradford assay)

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.