

Datasheet for ABIN7596169

IL17 Receptor B Protein (AA 18-292) (hIgG-His-tag)



[Go to Product page](#)

Overview

| | |
|-------------------------------|---|
| Quantity: | 250 µg |
| Target: | IL17 Receptor B (IL17RB) |
| Protein Characteristics: | AA 18-292 |
| Origin: | Human |
| Source: | Baculovirus infected Insect Cells |
| Protein Type: | Recombinant |
| Biological Activity: | Active |
| Purification tag / Conjugate: | This IL17 Receptor B protein is labelled with hIgG-His-tag. |
| Application: | SDS-PAGE (SDS), Activity Assay (AcA) |

Product Details

| | |
|------------------------------|---|
| Sequence: | REPTVQCGSE TGPSPEWMLQ HDLIPGDLRD LRVEPVTTTSV ATGDYSILMN VSWVLRADAS IRLLKATKIC VTGKSNFQSY SCVRCNYTEA FQTQTRPSGG KWTFSYIGFP VELNTVYFIG AHNIPNANMN EDGPSMSVNF TSPGCLDHIM KYKKKCKVKAG SLWDPNITAC KKNEETVEVN FTTTPLGNRY MALIQHSTII GFSQVFEPHQ KKQTRASVVI PVTGDSEGAT VQLTPYFPTC GSDCIRHKGT VVLCPTGVP FPLDNNKSKP GGWLP |
| Purity: | > 85% by SDS-PAGE |
| Endotoxin Level: | < 1 EU per 1ug of protein (determined by LAL method) |
| Biological Activity Comment: | Measured by its binding ability in a functional ELISA with Human IL25 (CAT# ATGP4018). The ED50 range ≤ 2 ug/ml. |

Target Details

| | |
|-------------------|---|
| Target: | IL17 Receptor B (IL17RB) |
| Alternative Name: | IL-17RB (IL17RB Products) |
| Background: | IL-17RB, 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 IL17A or IL17C. It has been shown to mediate the activation of NFkappaB 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 IL-17RB, fused to hIgG-His-tag at C-terminus, was expressed in insect cell and purified by using conventional chromatography techniques. |
| Molecular Weight: | 57.3 kDa (514aa) Reducing conditions |
| NCBI Accession: | NP_061195 |

Application Details

| | |
|--------------------|--|
| Application Notes: | Optimal working dilution should be determined by the investigator. |
| Restrictions: | For Research Use only |

Handling

| | |
|------------------|---|
| Format: | Liquid |
| Concentration: | 0.25 mg/mL |
| Storage: | 4 °C,-20 °C,-80 °C |
| Storage Comment: | Can be stored at +2°C to +8°C for 1 week. For long term storage, aliquot and store at -20°C to -80°C. Avoid repeated freezing and thawing cycles. |