

# Product datasheet for AR51881PU-S

## OriGene Technologies, Inc.

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### IL17RB / IL17BR (18-292, hlgG-His tag) Human Protein

#### **Product data:**

**Product Type:** Recombinant Proteins

**Description:** IL17RB / IL17BR (18-292, hlgG-His tag) human recombinant protein, 50 μg

Species: Human

**Expression cDNA Clone** 

or AA Sequence:

REPTVQCGSE TGPSPEWMLQ HDLIPGDLRD LRVEPVTTSV ATGDYSILMN VSWVLRADAS

IRLLKATKIC VTGKSNFQSY SCVRCNYTEA FQTQTRPSGG KWTFSYIGFP VELNTVYFIG

AHNIPNANMN EDGPSMSVNF TSPGCLDHIM KYKKKCVKAG SLWDPNITAC KKNEETVEVN

FTTTPLGNRY MALIQHSTII GFSQVFEPHQ KKQTRASVVI PVTGDSEGAT VQLTPYFPTC GSDCIRHKGT

VVLCPQTGVP FPLDNNKSKP GGWLP

Tag: hlgG-His-tag

Predicted MW: 57.2 kDa

Concentration: lot specific

Purity: >85% by SDS - PAGE

**Buffer:** Presentation State: Purified

State: Liquid purified protein

Buffer System: Phosphate buffered saline (pH 7.4) containing 10% glycerol.

Endotoxin: < 1.0 EU per 1 microgram of protein (determined by LAL method)

**Preparation:** Liquid purified protein

**Protein Description:** Recombinant human IL17RB, fused to hlgG-His-tag at C-terminus, was expressed in insect cell

and purified by using conventional chromatography techniques.

**Storage:** Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer.

Avoid repeated freezing and thawing.

**Stability:** Shelf life: one year from despatch.

**RefSeq:** NP 061195

**Locus ID:** 55540

UniProt ID: Q9NRM6

Cytogenetics: 3p21.1

Synonyms: IL-17 receptor B, IL-17RB, Interleukin-17B receptor, IL-17 receptor homolog 1, Cytokine

receptor CRL4, EVI27





**Summary:** The protein encoded by this gene is a cytokine receptor. This receptor specifically binds to

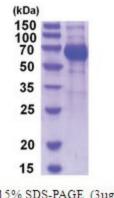
> IL17B and IL17E, but does not bind to IL17 and IL17C. This receptor has been shown to mediate the activation of NF-kappaB and the production of IL8 induced by IL17E. The expression of the rat counterpart of this gene was found to be significantly up-regulated during intestinal inflammation, which suggested the immunoregulatory activity of this

receptor. [provided by RefSeq, Jul 2008]

**Protein Families:** Druggable Genome, Secreted Protein, Transmembrane

Cytokine-cytokine receptor interaction **Protein Pathways:** 

## **Product images:**



15% SDS-PAGE (3ug)