

**PRODUCT INFORMATION**

<b>Target</b>	IL17RB
<b>Synonyms</b>	Interleukin-17 receptor B;IL-17 receptor B;IL-17RB;Cytokine receptor-like 4;IL-17Rh1;IL17Rh1;IL-17B receptor
<b>Description</b>	Recombinant human IL17RB protein with C-terminal 6×His tag
<b>Delivery</b>	In Stock
<b>Uniprot ID</b>	Q9NRM6
<b>Expression Host</b>	HEK293
<b>Tag</b>	C-6×His Tag
<b>Molecular Characterization</b>	IL17RB(Arg18-Gly288) 6×His tag
<b>Molecular Weight</b>	The protein has a predicted molecular mass of 30.7 kDa after removal of the signal peptide. The apparent molecular mass of TEM1 -His is approximately 35-55 kDa due to glycosylation.
<b>Purity</b>	The purity of the protein is greater than 85% as determined by SDS-PAGE and Coomassie blue staining.
<b>Formulation &amp; Reconstitution</b>	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis for specific instructions of reconstitution.
<b>Storage&amp;Shipping</b>	Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature.
<b>Background</b>	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]
<b>Usage</b>	Research use only
<b>Conjugate</b>	Unconjugated



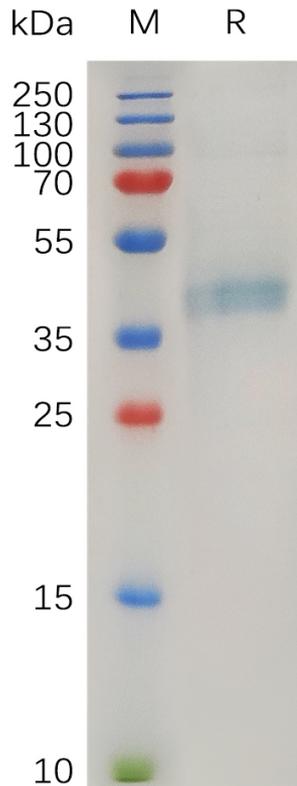
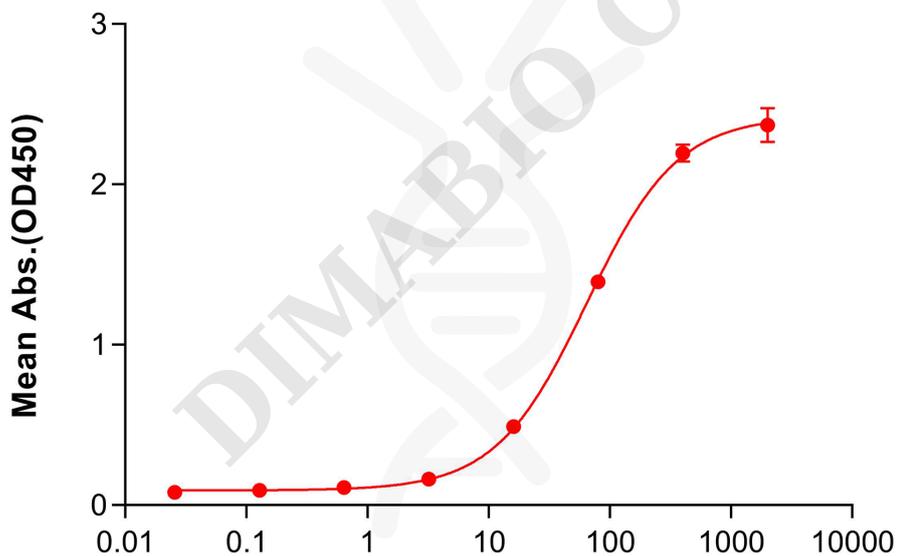


Figure 1. Human IL17RB Protein, His Tag on SDS-PAGE under reducing condition.

### Human IL17RB, His tagged protein ELISA

1  $\mu$ g of Human IL17RB, His tagged protein per well



### Anti-IL17RB antibody(5B1), IgG1 Chimeric mAb (ng/mL)

Figure 2. ELISA plate pre-coated by 1  $\mu$ g/mL (100  $\mu$ L/well) Human IL17RB Protein, His Tag (PME100296) can bind Anti-IL17RB antibody(5B1), IgG1 Chimeric mAb (DMC101688) in a linear range of 16-80 ng/mL.

