

Recombinant Rhesus IL17RB Protein (Met1-Gly288), HlgG1 Fc-tagged

Cat. No. IL17RB-990R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rhesus IL17RB Protein (EHH16291.1) (Met1-Gly288) was produced by HEK293 Cells expression system. This protein was expressed with the Fc region of human IgG1 at the C-terminus.
Species	Rhesus macaque
Source	HEK293
ProteinLength	Met1-Gly288
Description	IL17RB is the receptor for IL17E, the only member of IL17 family promoting Th2 reactions. IL17RB is induced on human macrophages by IL4 and enhanced by TGFbeta. Overexpression of IL17RB is associated with poor prognosis and short survival of the breast cancer patients.IL17RB/IL17B signaling triggers a substantial increase in the cell growth, proliferation and migration through the activation of NF-kappaB as well as the up-regulation of the Bcl-2. IL17RB may be the only gene expressed in CD4+ T cells whose transcript measurement is correlated with the variation in IgE level in asthmatics.
Predicted N Terminal	Arg 18
Form	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.

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Molecular Mass	The recombinant rhesus IL17RB consists of 512 amino acids and predicts a molecular mass of 57 kDa.
Endotoxin	< 1.0 EU per µg protein as determined by the LAL method.
Purity	> 85 % as determined by SDS-PAGE.
Stability	Samples are stable for up to twelve months from date of receipt at -70 centigrade.
Storage	Store it under sterile conditions at -20 centigrade to -80 centigrade. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 mg/ml. Centrifuge the vial at 4°C before opening to recover the entire contents.
Shipping	In general, recombinant proteins are provided as lyophilized powder which are shipped at ambient temperature. Bulk packages of recombinant proteins are provided as frozen liquid. They are shipped out with blue ice unless customers require otherwise.
GENE INFORMATION	
Protein Refseq	EHH16291