

Recombinant Cynomolgus IL20RB Protein, Fc-tagged

Cat. No. IL20RB-447C Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Cynomolgus IL20RB (XP_005545913.1) (Asp30-Ala230) was expressed with the Fc region of human IgG1 at the C-terminus.
Species	Cynomolgus
Source	HEK293
ProteinLength	Asp30-Ala230
Description	<p>IL20RB belongs to the type II cytokine receptor family. There are two kinds of type II cytokine receptors : cytokine receptors that bind type I and type II interferons; cytokine receptors that bind members of the interleukin-10 family (interleukin-10, interleukin-20 and interleukin-22). Type II cytokine receptors are similar to type I cytokine receptors except they do not possess the signature sequence WSXWS that is characteristic of type I receptors. They are expressed on the surface of certain cells, which bind and respond to a select group of cytokines. These receptors are related predominantly by sequence similarities in their extracellular portions that are composed of tandem Ig-like domains. The intracellular domain of type II cytokine receptors is typically associated with a tyrosine kinase belonging to the Janus kinase (JAK) family. IL20RB and IL20RA (MIM 605620) form a heterodimeric receptor for interleukin-20.</p>
Predicted N Terminal	Asp 30
Form	Lyophilized from sterile PBS, pH 7.4. Normally 5 %- 8 % trehalose, mannitol and

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0.01% Tween80 are added as protectants before lyophilization.

Molecular Mass

The recombinant cynomolgus IL20RB consists of 439 amino acids and predicts a molecular mass of 49.2 kDa.

Endotoxin

< 1.0 EU per µg protein as determined by the LAL method.

Purity

> 90 % as determined by SDS-PAGE.

Storage

Samples are stable for up to twelve months from date of receipt at -70 centigrade. 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 µg/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Official Symbol

IL20RB

Synonyms

IL20RB;interleukin 20 receptor subunit beta;interleukin-20 receptor subunit beta;interleukin 20 receptor beta

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