

Recombinant Cynomolgus IL-2RB/CD122 Protein

Catalog No.: RP02292

Sequence Information

Species	Gene ID
Cynomolgus	102138714
Swiss Prot	Tags
Q38J85	C-His

Synonyms

CD122 antigen, CD122, high affinity IL-2 receptor beta subunit, High affinity IL-2 receptor subunit beta, IL-15 R beta, IL-2 R beta, IL-2 receptor subunit beta, IL2R beta, IL-2R subunit beta, IL2RB, IL-2Rb, interleukin 15 receptor, beta, interleukin 2 receptor, interleukin-2 receptor subunit beta, P70-75, p75

Product Information

Source	Purification
HEK293 cells	≥ 95 % as determined by Tris-Bis PAGE; ≥ 95 % as determined by HPLC.

Calculated MW Observed MW

25.6 kDa 38-45 kDa

Endotoxin

< 1 EU/μg of the protein by LAL method.

Formulation

Lyophilized from a 0.22 μm filtered solution of PBS, pH 7.4.

Reconstitution

Centrifuge the tube before opening. Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water. Avoid vortex or vigorously pipetting the protein. For long term storage, it is recommended to add a carrier protein or stabilizer (e.g. 0.1% BSA, 5% HSA, 10% FBS or 5%

Background

Basic Information

Description

Recombinant Cynomolgus CD122/IL2RB Protein is produced by Expi293 expression system. The target protein is expressed with sequence (Ala27-Asp239) of Cynomolgus CD122/IL2RB fused with His tag at the C-terminal.

Activity

Shipping

Lyophilized proteins are shipped at ambient temperature. Liquid proteins are shipped at frozen temperature with dry ice. Upon receipt, store it immediately at the temperature recommended below.

Storage

Store at -20°C

Operational Notes

For your safety and health, please wear a lab coat and disposable gloves for handling.

Contact

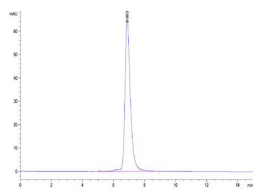
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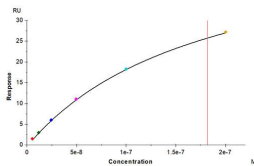
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Trehalose), and aliquot the reconstituted protein solution to minimize free-thaw cycles.

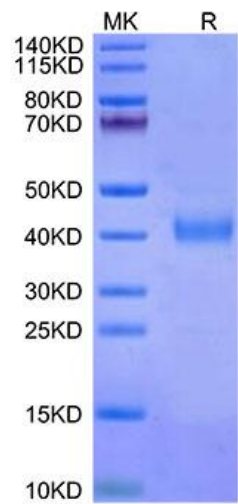
Validation Data



The purity of Cynomolgus IL-2 R beta is greater than 95% as determined by SEC-HPLC.



Cynomolgus IL-2 R beta, His Tag captured on CM5 Chip via Anti-His Antibody can bind Human IL-2, No Tag with an affinity constant of 0.182 μ M as determined in SPR assay (Biacore T200).



Recombinant Cynomolgus IL-2RB/CD122 Protein was determined by Tris-Bis PAGE under reducing conditions.