

Recombinant Human IL-2RB/CD122 Protein

Catalog No.: RP00407 **Recombinant**

Sequence Information

Species	Gene ID	Swiss Prot
Human	3560	P14784

Tags

C-His

Synonyms

IL2RB;CD122;IL15RB;P70-75

Product Information

Source	Purification
HEK293 cells	> 95% by SDS-PAGE.

Calculated MW	Observed MW
25.43 kDa	35-45 kDa

Endotoxin

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


Formulation

Lyophilized from a 0.2 μm filtered solution of PBS, pH 7.4. Contact us for customized product form or formulation.

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

Contact

 | 400-999-6126 | cn.market@abclonal.com.cn | www.abclonal.com.cn

Background

The interleukin 2 receptor, which is involved in T cell-mediated immune responses, is present in 3 forms with respect to ability to bind interleukin 2. The low affinity form is a monomer of the alpha subunit and is not involved in signal transduction. The intermediate affinity form consists of an alpha/beta subunit heterodimer, while the high affinity form consists of an alpha/beta/gamma subunit heterotrimer. Both the intermediate and high affinity forms of the receptor are involved in receptor-mediated endocytosis and transduction of mitogenic signals from interleukin 2. The protein encoded by this gene represents the beta subunit and is a type I membrane protein.

Basic Information

Description

Recombinant Human IL-2RB/CD122 Protein is produced by Human Cell expression system. The target protein is expressed with sequence (Ala27-Asp239) of human IL-2RB/CD122 (Accession #P14784) fused with a 6×His tag at the C-terminus.

Bio-Activity

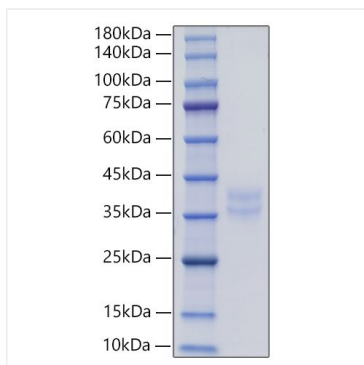
Storage

Store at -20°C. Store the lyophilized protein at -20°C to -80 °C up to 1 year from the date of receipt.

After reconstitution, the protein solution is stable at -20°C for 3 months, at 2-8°C for up to 1 week.

Avoid repeated freeze/thaw cycles.

Validation Data



Recombinant Human IL-2RB/CD122 Protein was determined by SDS-PAGE with Coomassie Blue, showing a band at 35-45kDa.