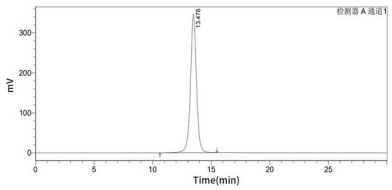
Product Name: Recombinant Human IL-2RB (C-6His)
Catalog #: PHH0917

Summary

Name	IL-2 R beta/IL-2RB/CD122/IL-2 Receptor Subunit Beta
Purity	Greater than 95% as determined by reducing SDS-PAGE
Endotoxin level	<1 EU/μg as determined by LAL test.
Construction	Recombinant Human Interleukin-2 Receptor Subunit Beta is produced by our Mammalian expression system and the target gene encoding Ala27-Asp239 is expressed with a 6His tag at the C-terminus.
Accession #	P14784
Host	Human Cells
Species	Human
Predicted Molecular Mass	25.6 KDa
Formulation	Lyophilized from a 0.2 μm filtered solution of PBS, pH 7.4.
Shipping	The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature listed below.
Stability&Storage	Store at ≤-70°C, stable for 6 months after receipt. Store at ≤-70°C, stable for 3 months under sterile conditions after opening. Please minimize freeze-thaw cycles.
Reconstitution	Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100μg/ml. Dissolve the lyophilized protein in distilled water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100μg/ml. Dissolve the lyophilized protein in distilled water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

SDS-PAGE image



Alternative Names

Interleukin-2 receptor subunit beta;IL2RB;IL-2 receptor subunit beta;IL-2R subunit beta;High affinity IL-2 receptor subunit beta;CD122

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Background

Human IL-2RB, also known asinterleukin-2 receptor subunit beta,is the receptor for interleukin-2. IL2 receptor complex is involved in receptor mediated endocytosis and transduces the mitogenic signals of IL2. IL2 receptor complex has three forms with respect to ability to bind IL2. IL-2RB is belonged to a type I membrane protein,and has a 26 residue signal peptide, a 214 residue extracellular region, a 25 residue transmembrane region and a 286 residue cytoplasmic domain. IL-2RB is the subunit critical for receptor-mediated signaling via physically or functionally coupling to other signaling molecules, such as the Jak-STAT and Src-family protein tyrosine kinase although it lacks apparent catalytic motifs.

Note

For Research Use Only , Not for Diagnostic Use.