

IL-2RB/CD122 (C-6His), Human, Recombinant

Cat. No. : GPCK151

产品信息

物种	Human
表达宿主	Human Cells
序列信息	Ala27-Asp239
检索号	P14784
标签	C-6His
分子量	25.6 kDa
有效期	12 months
生物活性	Loaded Human IL-2RB-His on HIS1K Biosensor, can bind Human IL-2 with an affinity constant of 0.27 μ M as determined in BLI assay.

产品特性

内毒素 (EU/ μ g)	< 0.1
保存	Lyophilized protein should be stored at -5~-20°C, stable for one year after receipt. Reconstituted protein solution can be stored at 2-8°C for 2-7 days. Aliquots of reconstituted samples are stable at -5~-20°C for 3 months.
运输	Ambient temperature or ice pack.
制剂	Lyophilized from a 0.2 μ m filtered solution of PBS, pH 7.4.
复溶	Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100 μ g/mL. Dissolve the lyophilized protein in sterile water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

背景介绍

Human IL-2RB, also known as Interleukin-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.

