

Datasheet for ABIN7320916

IL2 Receptor beta Protein (Fc Tag)**1** Image[Go to Product page](#)

Overview

Quantity:	50 µg
Target:	IL2 Receptor beta (IL2RB)
Origin:	Mouse
Source:	Human Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This IL2 Receptor beta protein is labelled with Fc Tag.

Product Details

Purpose:	Recombinant Mouse IL-2 Receptor Subunit Beta/IL-2RB/CD122 (C-Fc)
Sequence:	Ala27-Glu240
Characteristics:	Recombinant Mouse Interleukin-2 Receptor subunit beta is produced by our Mammalian expression system and the target gene encoding Ala27-Glu240 is expressed with a Fc tag at the C-terminus.
Purity:	>95 % as determined by reducing SDS-PAGE.
Endotoxin Level:	< 1.0 EU per µg as determined by the LAL method.

Target Details

Target:	IL2 Receptor beta (IL2RB)
Alternative Name:	IL-2 Receptor Subunit Beta/IL-2RB/CD122 (IL2RB Products)
Background:	Background: 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

Target Details

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.

Synonym: Interleukin-2 receptor subunit beta, IL2RB, IL-2 receptor subunit beta, IL-2R subunit beta, High affinity IL-2 receptor subunit beta, CD122

Molecular Weight: 52.2 kDa

UniProt: [P16297](#)

Pathways: [JAK-STAT Signaling](#), [Growth Factor Binding](#)

Application Details

Restrictions: For Research Use only

Handling

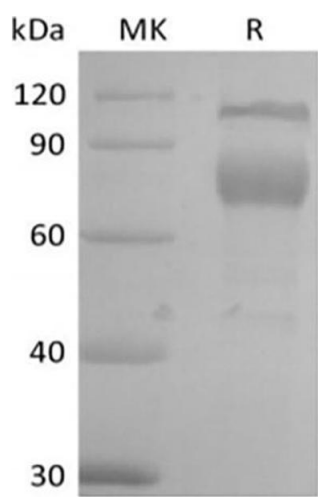
Format: Lyophilized

Reconstitution: Please refer to the printed manual for detailed information.

Buffer: Lyophilized from a 0.2 µm filtered solution of 20 mM Tris-HCl, 150 mM NaCl, pH 8.5.

Storage: 4 °C, -20 °C, -80 °C

Storage Comment: Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.



Western Blotting

Image 1.