Datasheet for ABIN7320815

IL2RG Protein (Fc Tag)

Go to Product page

Overview

Quantity:	50 µg
Target:	IL2RG
Origin:	Mouse
Source:	Human Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This IL2RG protein is labelled with Fc Tag.

Product Details

Purpose:	Recombinant Mouse IL-2RG/CD132 Protein (Fc Tag)
Sequence:	Ser25-Ala263
Characteristics:	Recombinant Mouse Interleukin-2 Receptor Subunit Gamma is produced by our Mammalian expression system and the target gene encoding Ser25-Ala263 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:	IL2RG
Alternative Name:	IL-2RG/CD132 (IL2RG Products)
Background:	Background: The Interleukin-2 receptor gamma chain (IL-2 Rγ, CD132) of the high affinity functional mouse IL-2 receptor complex is a member the hematopoietin receptor family. It is

Target Details

	expressed on most lymphocyte (white blood cell) populations, and its gene is found on the X-chromosome of mammals. Common IL2 receptor-γ Chain is required for IL-2 receptor signaling. Besides IL-2, the Common IL2 receptor-γ chain has been shown to be a component of the functional receptor complexes for IL-4, IL-7, IL-9 and IL-15. It is a component of multiple cytokine receptors that are essential for lymphocyte development and function. Common IL2 receptor-γ Chain is also designated the common gamma chain. Synonym: Interleukin 2 receptor, gamma chain, isoform CRA_b, Il2rg, CIDX, IL-2 Rγ
Molecular Weight:	55.1 kDa
UniProt:	Q3UPA9
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 PBS, pH 7.4.
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.