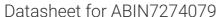
antibodies -online.com







IL2RG Protein (AA 23-254) (His-Avi Tag, Biotin)





Overview

Quantity:	100 μg
Target:	IL2RG
Protein Characteristics:	AA 23-254
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This IL2RG protein is labelled with His-Avi Tag,Biotin.

Product Details

Purpose:	Biotinylated Human IL-2 R gamma/CD132 Protein
Sequence:	Leu23-Asn254
Characteristics:	Recombinant Biotinylated Human IL-2 R gamma/CD132 Protein is expressed from HEK293 with His tag and Avi tag at the C-Terminus.It contains Leu23-Asn254.
Purity:	> 95 % as determined by Tris-Bis PAGE
Sterility:	0.22 µm filtered
Endotoxin Level:	Less than 1EU per µg by the LAL method.

Target Details

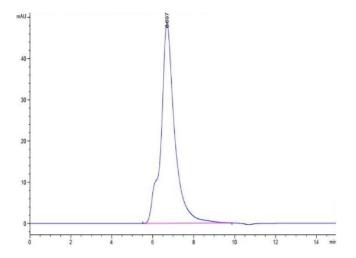
Target:	IL2RG
Alternative Name:	IL-2 R gamma (IL2RG Products)

Target Details

Expiry Date:

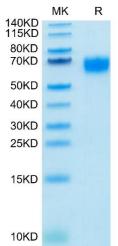
12 months

The gamma chain of the high affinity functional human IL-2 receptor complex belongs to the
hematopoietin receptor family. IL-2 R gamma is a 369 amino acid residue protein consisting of a 22 residue signal sequence, a 232 residue extracellular domain, a 29 residue transmembrane domain and an 86 residue cytoplasmic domain. Although IL-2 R gamma by itself does not bind IL-2 with any appreciable affinity, it is required for IL-2 receptor signaling.
39.9 kDa. Due to glycosylation, the protein migrates to 58-70 kDa based on Tris-Bis PAGE result.
JAK-STAT Signaling, Growth Factor Binding
For Research Use only
Lyophilized
Centrifuge the tube before opening. Reconstituting to a concentration more than 100 μ g/mL is recommended. Dissolve the lyophilized protein in distilled water.
Lyophilized from 0.22µm filtered solution in PBS (pH 7.4). Normally 8 % trehalose is added as protectant before lyophilization.
-20 °C,-80 °C
-20 to -80°C for 12 months as supplied from date of receipt., -80°C for 3-6 months after reconstitution., 2-8°C for 2-7 days after reconstitution., Recommend to aliquot the protein into



Size-exclusion chromatography-High Pressure Liquid Chromatography

Image 1. The purity of Biotinylated Human IL-2 R gamma is greater than 95 % as determined by SEC-HPLC.



SDS-PAGE

Image 2. Biotinylated Human IL-2 R gamma on Tris-Bis PAGE under reduced condition. The purity is greater than $95\,\%$.