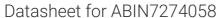
antibodies -online.com







IL2RG Protein (AA 23-254) (His tag)





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

Product Details

Purpose:	Cynomolgus IL-2 R gamma/CD132 Protein
Sequence:	Leu23-Asn254
Characteristics:	Recombinant Cynomolgus IL-2 R gamma/CD132 Protein is expressed from HEK293 with His 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

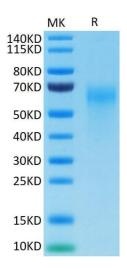
Target:	IL2RG	
Alternative Name:	IL-2 R gamma (IL2RG Products)	

Target Details

Expiry Date:

12 months

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Background:	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.	
Molecular Weight:	28.2 kDa. Due to glycosylation, the protein migrates to 50-68 kDa based on Tris-Bis PAGE result	
UniProt:	Q38JL2	
Pathways:	JAK-STAT Signaling, Growth Factor Binding	
Application Details		
Restrictions:	For Research Use only	
Handling		
Format:	Lyophilized	
Reconstitution:	Centrifuge the tube before opening. Reconstituting to a concentration more than 100 µg/mL is recommended. Dissolve the lyophilized protein in distilled water.	
Buffer:	Lyophilized from 0.22µm filtered solution in PBS (pH 7.4). Normally 8 % trehalose is added as protectant before lyophilization.	
Storage:	-20 °C,-80 °C	
Storage Comment:	-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 smaller quantities for optimal storage. Please minimize freeze-thaw cycles.	



SDS-PAGE

Image 1. Cynomolgus IL-2 R gamma on Tris-Bis PAGE under reduced conditions. The purity is greater than 95 % .