

Datasheet for ABIN7275033

IL27 Receptor alpha Protein (AA 34-516) (His tag)**2** Images[Go to Product page](#)

Overview

Quantity:	100 µg
Target:	IL27 Receptor alpha (IL27RA)
Protein Characteristics:	AA 34-516
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This IL27 Receptor alpha protein is labelled with His tag.

Product Details

Purpose:	Human IL-27RA/TCCR Protein
Sequence:	Gly34-Lys516
Characteristics:	Recombinant Human IL-27RA/TCCR Protein is expressed from HEK293 with His tag at the C-Terminus. It contains Gly34-Lys516.
Purity:	> 90 % as determined by Tris-Bis PAGE, > 90 % as determined by HPLC
Sterility:	0.22 µm filtered
Endotoxin Level:	Less than 1EU per µg by the LAL method.

Target Details

Target:	IL27 Receptor alpha (IL27RA)
Alternative Name:	IL-27RA (IL27RA Products)

Target Details

Background:	IL-27Ra (also known as TCCR and WSX1) as a gene whose expression can induce the transformation of hematopoietic cells. IL-27Ra (IL-27R) is a type I cytokine receptor that functions as the ligand binding component of the receptor for IL-27 and functions with the glycoprotein 130 (gp130) coreceptor to induce signal transduction in response to IL-27.
Molecular Weight:	53.55 kDa. Due to glycosylation, the protein migrates to 75-105 kDa based on Tris-Bis PAGE result.
UniProt:	Q6UWB1
Pathways:	Regulation of Leukocyte Mediated Immunity , Production of Molecular Mediator of Immune Response

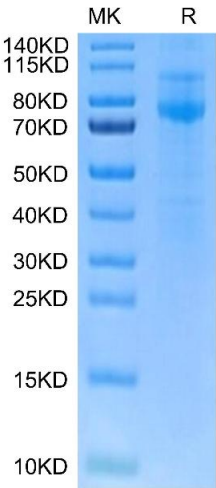
Application Details

Restrictions:	For Research Use only
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Handling

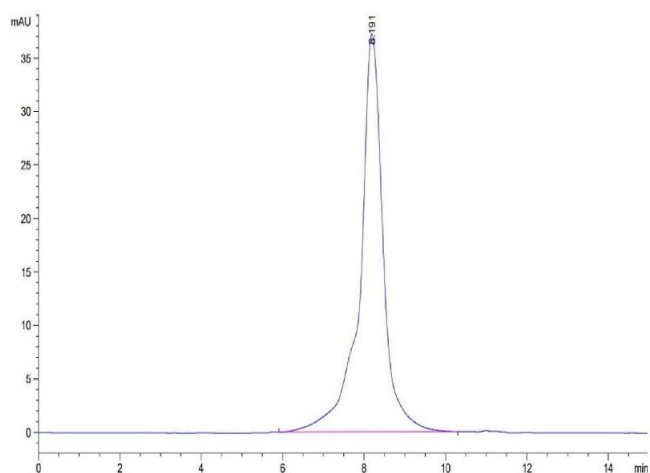
Format:	Liquid
Buffer:	Supplied as 0.22µm filtered solution in PBS (pH 7.4).
Storage:	-80 °C
Storage Comment:	Valid for 12 months from date of receipt when stored at -80°C.,Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.
Expiry Date:	12 months

Images



SDS-PAGE

Image 1. Human IL-27RA on Tris-Bis PAGE under reduced condition. The purity is greater than 95 % .



Size-exclusion chromatography-High Pressure Liquid Chromatography

Image 2. The purity of Human IL-27RA is greater than 95 % as determined by SEC-HPLC.