

Datasheet for ABIN7275044

**IL31RA Protein (AA 19-499) (His tag)****2** Images[Go to Product page](#)

## Overview

Quantity:	100 µg
Target:	IL31RA
Protein Characteristics:	AA 19-499
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This IL31RA protein is labelled with His tag.

## Product Details

Purpose:	Mouse IL-31 RA Protein
Sequence:	Val19-Thr499
Characteristics:	Recombinant Mouse IL-31 RA Protein is expressed from HEK293 with His tag and Avi tag at the C-Terminus. It contains Val19-Thr499.
Purity:	> 95 % as determined by Tris-Bis PAGE, > 95 % as determined by HPLC
Sterility:	0.22 µm filtered
Endotoxin Level:	Less than 1EU per µg by the LAL method.

## Target Details

Target:	IL31RA
Alternative Name:	IL-31 RA ( <a href="#">IL31RA Products</a> )

## Target Details

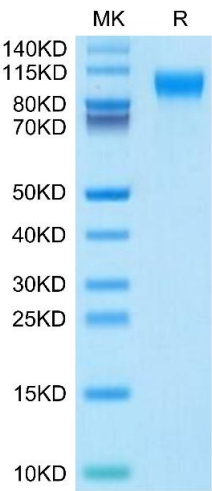
Background:	Interleukin-31 receptor A (IL-31RA) is a newly identified type I cytokine receptor, that is related to gp130, the common receptor of the interleukin (IL) -6 family cytokines. IL-31RA forms a functional receptor complex for IL-31 together with the beta subunit of oncostatin M receptor (OSMRbeta). OSMRbeta is expressed in a subset of small-sized nociceptive neurons of adult dorsal root ganglia (DRGs).IL-31 and OSM may thus have redundant functions in the development of OSMRbeta-expressing neurons.
Molecular Weight:	56.3 kDa. Due to glycosylation, the protein migrates to 80-115 kDa based on Tris-Bis PAGE result.

## Application Details

Restrictions:	For Research Use only
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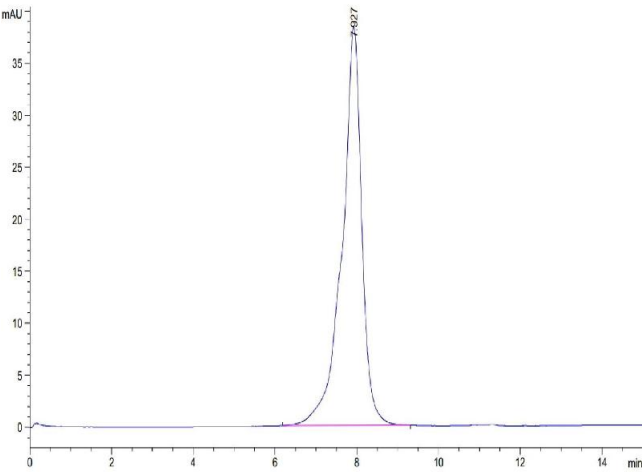
## Handling

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.
Expiry Date:	12 months



SDS-PAGE

**Image 1.** Mouse IL-31 RA 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 Mouse IL-31 RA is greater than 95 % as determined by SEC-HPLC.