

# Cynomolgus IL-1 Rrp2/IL-1 R6 Protein

Cat. No. IL1-CM1L2



## Description

<b>Source</b>	Recombinant Cynomolgus IL-1 Rrp2/IL-1 R6 Protein is expressed from HEK293 with His tag at the C-Terminus. It contains Asp20-Arg335.
<b>Accession</b>	EHH61702.1
<b>Molecular Weight</b>	The protein has a predicted MW of 37.1 kDa. Due to glycosylation, the protein migrates to 60-70 kDa based on Bis-Tris PAGE result.
<b>Endotoxin</b>	Less than 1EU per µg by the LAL method.
<b>Purity</b>	> 95% as determined by Bis-Tris PAGE > 95% as determined by HPLC

## Formulation and Storage

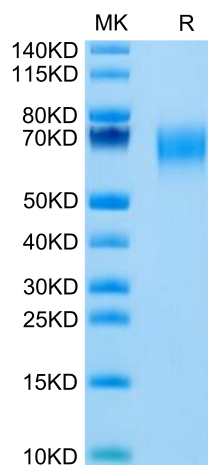
<b>Formulation</b>	Supplied as 0.22µm filtered solution in PBS (pH 7.4).
<b>Storage</b>	Valid for 12 months from date of receipt when stored at -80°C. Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.

## Background

The Interleukin 1 receptor family (IL-1 R) comprises at least eleven members including IL-1 RI (IL-1 R1), IL-1 RII (IL-1 R2), IL-1 RAcP (IL1 R3), ST2 (T1/IL-1 R4), IL-18 Ra (IL-1 Rrp/IL-1 R5), IL-1 Rrp2 (IL-1 RL2/IL-1 R6), IL-18 Rb (AcPL/IL-1 R7), IL-1RAPL1 (TIGIRR2/IL1 R8), and TIGIRR-1 (IL-1 R9). IL1RL2 is a receptor for interleukin-36 (IL36A, IL36B and IL36G). After binding to interleukin-36 associates with the coreceptor IL1RAP to form the interleukin-36 receptor complex which mediates interleukin-36-dependent activation of NF-kappa-B, MAPK and other pathways.

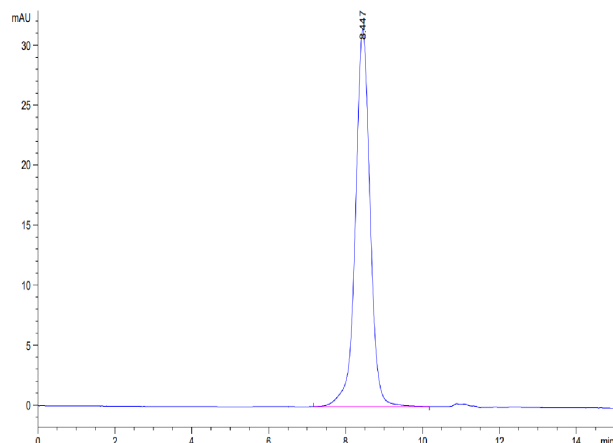
## Assay Data

### Bis-Tris PAGE



Cynomolgus IL-1 Rrp2 on Bis-Tris PAGE under reduced condition. The purity is greater than 95%.

### SEC-HPLC



The purity of Cynomolgus IL-1 Rrp2 is greater than 95% as determined by SEC-HPLC.