Cynomolgus IL-1 Rrp2/IL-1 R6 Protein

Cat. No. IL1-CM1L2

Description

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

Formulation and Storage

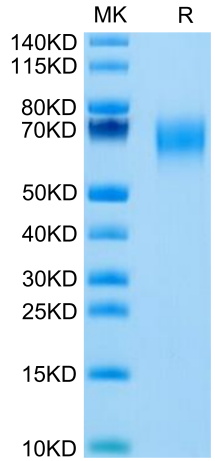
Formulation	Lyophilized from 0.22μm filtered solution in PBS (pH 7.4). Normally 8% trehalose is added as protectant before lyophilization.
Reconstitution	Centrifuge the tube before opening. Reconstituting to a concentration more than 100 μg/ml is recommended. Dissolve the lyophilized protein in distilled water.
Storage	-20 to -80°C for 12 months as supplied from date of receipt.-20 to -80°C for 3-6 months in unopened state 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.

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

Tris-Bis PAGE



Cynomolgus IL-1 Rrp2/IL-1 R6 on Tris-Bis PAGE under reduced condition. The purity is greater than 95%.

SEC-HPLC

Cynomolgus IL-1 Rrp2/IL-1 R6 Protein

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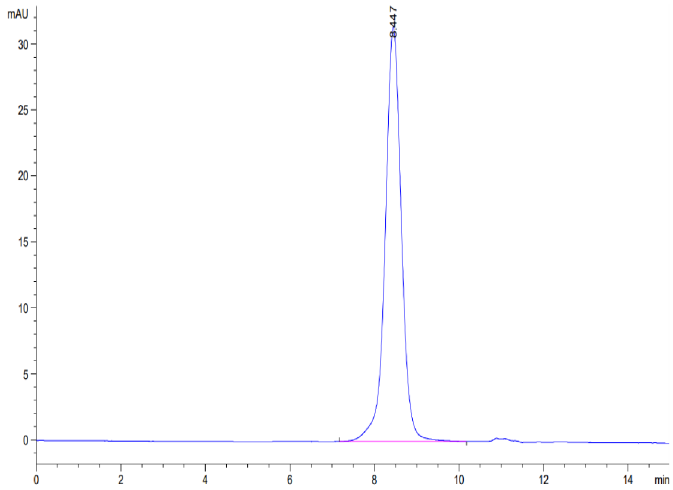
Assay Data



The purity of Cynomolgus IL-1 Rrp2/IL-1 R6 is greater than 95% as determined by SEC-HPLC.