

# Cynomolgus PVRIG Protein

Cat. No. PVR-CM101



## Description

<b>Source</b>	Recombinant Cynomolgus PVRIG Protein is expressed from HEK293 with His tag at the C-Terminus. It contains Thr41-Asp171.
<b>Accession</b>	A0A2K5WVV8
<b>Molecular Weight</b>	The protein has a predicted MW of 14.78 kDa. Due to glycosylation, the protein migrates to 25-30 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

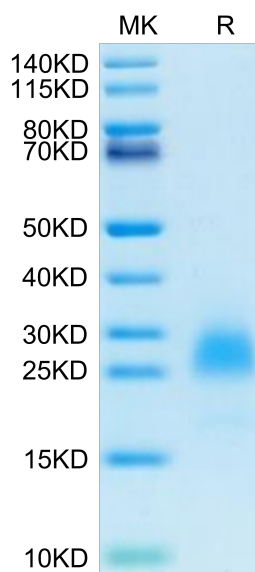
<b>Formulation</b>	Supplied as 0.22µm filtered solution in PBS (pH 7.4).
<b>Storage</b>	Valid for 12 months from date of receipt when stored at -80°C. Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.

## Background

PVRIG (poliovirus receptor related immunoglobulin domain-containing protein), also known as CD112 receptor (CD112R), is an approximately 34 kDa single transmembrane protein in the poliovirus receptor-like protein (PVR) family. PVRIG is a cell surface receptor for NECTIN2. May act as a coinhibitory receptor that suppresses T-cell receptor-mediated signals. Following interaction with NECTIN2, inhibits T-cell proliferation. Competes with CD226 for NECTIN2-binding.

## Assay Data

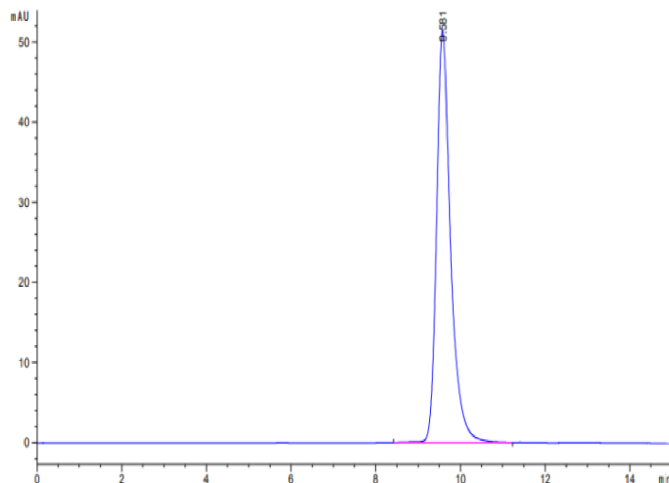
### Bis-Tris PAGE



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

### SEC-HPLC

Assay Data

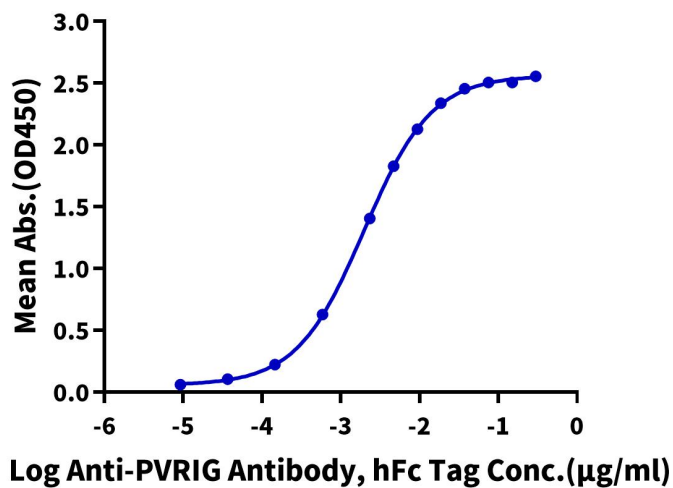


The purity of Cynomolgus PVRIG is greater than 95% as determined by SEC-HPLC.

ELISA Data

**Cynomolgus PVRIG, His Tag ELISA**

0.1µg Cynomolgus PVRIG, His Tag Per Well



Immobilized Cynomolgus PVRIG, His Tag at 1µg/ml (100µl/well) on the plate. Dose response curve for Anti-PVRIG Antibody, hFc Tag with the EC50 of 2.0ng/ml determined by ELISA (QC Test).