

# Cynomolgus EPHA2 Protein

Cat. No. EPH-CM2A2



## Description

Source	Recombinant Cynomolgus EPHA2 Protein is expressed from HEK293 with hFc tag at the C-Terminus.
	It contains Ala24-Ser534.
Accession	Q1KL86
Molecular Weight	The protein has a predicted MW of 83.1 kDa. Due to glycosylation, the protein migrates to 90-100 kDa based on Bis-Tris PAGE result.
Endotoxin	Less than 1 EU per µg by the LAL method.
Purity	> 95% as determined by Bis-Tris PAGE
	> 95% as determined by HPLC

## Formulation and Storage

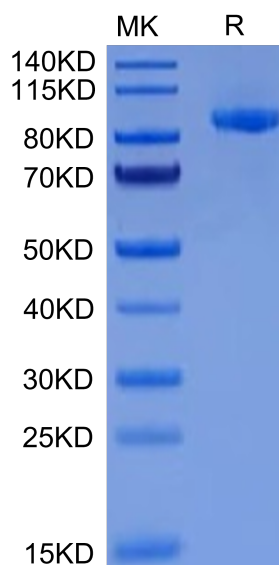
Formulation	Lyophilized from 0.22µm filtered solution in PBS (pH 7.4). Normally 8% trehalose is added as protectant before lyophilization.
Reconstitution	Dissolve the lyophilized protein in distilled water. Please refer to the Certificate of Analysis for detailed instructions.
Storage	-20 to -80°C for 12 months as supplied from date of receipt. -80°C for 3 months after reconstitution. Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.

## Background

Ephrin type-A receptor 2 (EPHA2) is a receptor tyrosine kinase (RTK), whose over-expression has been observed in a variety of cancers, including breast cancer. EPHA2 expression may be causally related to tumorigenesis; therefore, it is important to understand how EPHA2 gene (EPHA2) expression is regulated.

## Assay Data

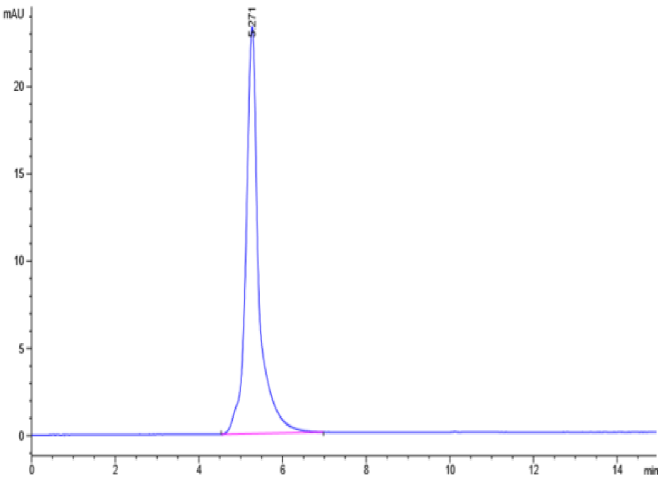
### Bis-Tris PAGE



Cynomolgus EPHA2 on Bis-Tris PAGE under reduced condition. The purity is greater than 95%.

### SEC-HPLC

Assay Data



The purity of Cynomolgus EPHA2 is greater than 95% as determined by SEC-HPLC.