Datasheet for ABIN7274550

EPH Receptor A2 Protein (EPHA2) (AA 24-534) (Fc Tag)

2 Images

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Overview

Quantity:	100 µg
Target:	EPH Receptor A2 (EPHA2)
Protein Characteristics:	AA 24-534
Origin:	Cynomolgus
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This EPH Receptor A2 protein is labelled with Fc Tag.

Product Details

Purpose:	Cynomolgus EPHA2 Protein
Sequence:	Ala24-Ser534
Characteristics:	Recombinant Cynomolgus EPHA2 Protein is expressed from HEK293 with hFc tag at the C-Terminus.It contains Ala24-Ser534.
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:	EPH Receptor A2 (EPHA2)
Alternative Name:	EPHA2 (EPHA2 Products)

Target Details

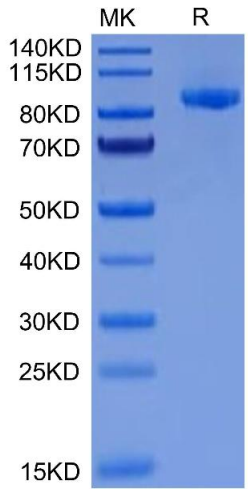
Background:	Ephrin type-A receptor 2 (EPHA2) is a receptor tyrosine kinase (RTK), whose over-expression has been observed in a variety of cancers, including breast cancer. EPHA2 expression may be causally related to tumorigenesis, therefore, it is important to understand how EPHA2 gene (EPHA2) expression is regulated.
Molecular Weight:	83.1 kDa. Due to glycosylation, the protein migrates to 90-100 kDa based on Tris-Bis PAGE result.
UniProt:	Q1KL86
Pathways:	RTK Signaling

Application Details

Restrictions:	For Research Use only

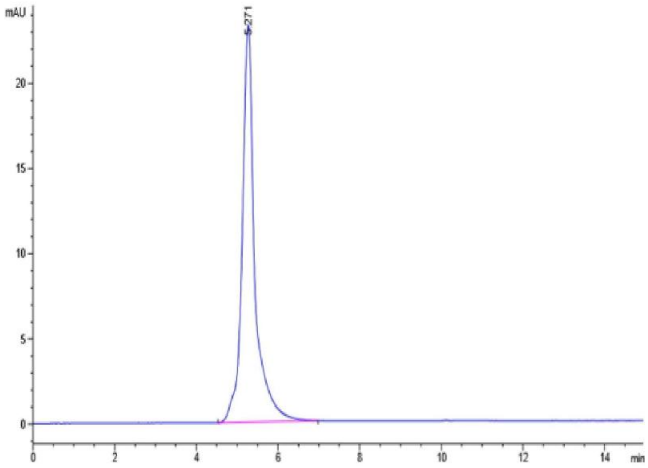
Handling

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