

Datasheet for ABIN7274565

**EPH Receptor A5 Protein (EPHA5) (AA 27-412) (His tag)**[Go to Product page](#)**2** Images

## Overview

Quantity:	100 µg
Target:	EPH Receptor A5 (EPHA5)
Protein Characteristics:	AA 27-412
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This EPH Receptor A5 protein is labelled with His tag.

## Product Details

Purpose:	Mouse EPHA5 Protein
Sequence:	Pro27-Pro412
Characteristics:	Recombinant Mouse EPHA5 Protein is expressed from HEK293 with His tag at the C-Terminus. It contains Pro27-Pro412.
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 A5 (EPHA5)
Alternative Name:	EPHA5 ( <a href="#">EPHA5 Products</a> )

## Target Details

Background:	The aim of the present study was to evaluate ephrin type-A receptor 5 (EphA5) expression and its clinicopathological significance in gastric cancer. Gastric cancer tissues were analyzed by immunohistochemistry. The association between EphA5 expression and clinicopathological parameters, human epidermal growth factor receptor 2 (HER2) status and Ki-67 proliferation index was statistically analyzed.
Molecular Weight:	43.9 kDa. Due to glycosylation, the protein migrates to 48-55 kDa based on Tris-Bis PAGE result.
UniProt:	<a href="#">Q60629</a>
Pathways:	<a href="#">RTK Signaling</a>

## Application Details

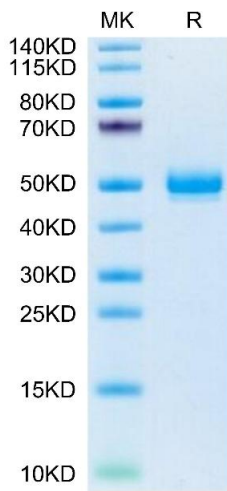
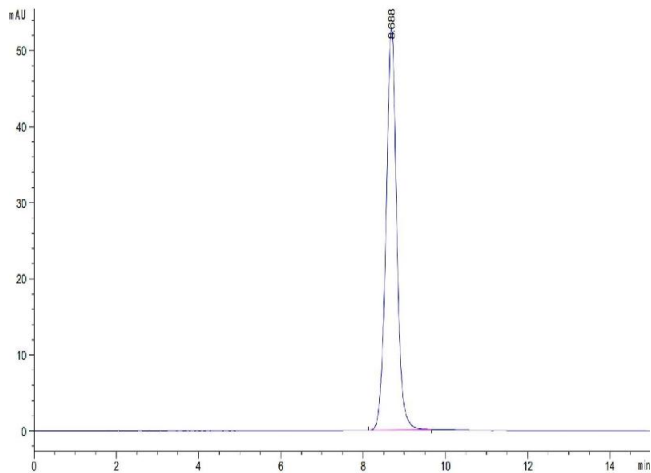
Restrictions:	For Research Use only
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## Handling

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

Size-exclusion chromatography-High Pressure Liquid Chromatography

**Image 1.** The purity of Mouse EPHA5 is greater than 95 % as determined by SEC-HPLC.



SDS-PAGE

**Image 2.** Mouse EPHA5 on Tris-Bis PAGE under reduced condition. The purity is greater than 95 % .