

Datasheet for ABIN7275471

Plexin A1 Protein (PLXNA1) (AA 28-1242) (His tag)[Go to Product page](#)**2** Images

Overview

Quantity:	100 µg
Target:	Plexin A1 (PLXNA1)
Protein Characteristics:	AA 28-1242
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This Plexin A1 protein is labelled with His tag.

Product Details

Purpose:	Mouse PLXNA1 Protein
Sequence:	Ser28-Pro1242
Characteristics:	Recombinant Mouse PLXNA1 Protein is expressed from HEK293 with His tag at the C-Terminus. It contains Ser28-Pro1242.
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:	Plexin A1 (PLXNA1)
Alternative Name:	PLXNA1 (PLXNA1 Products)

Target Details

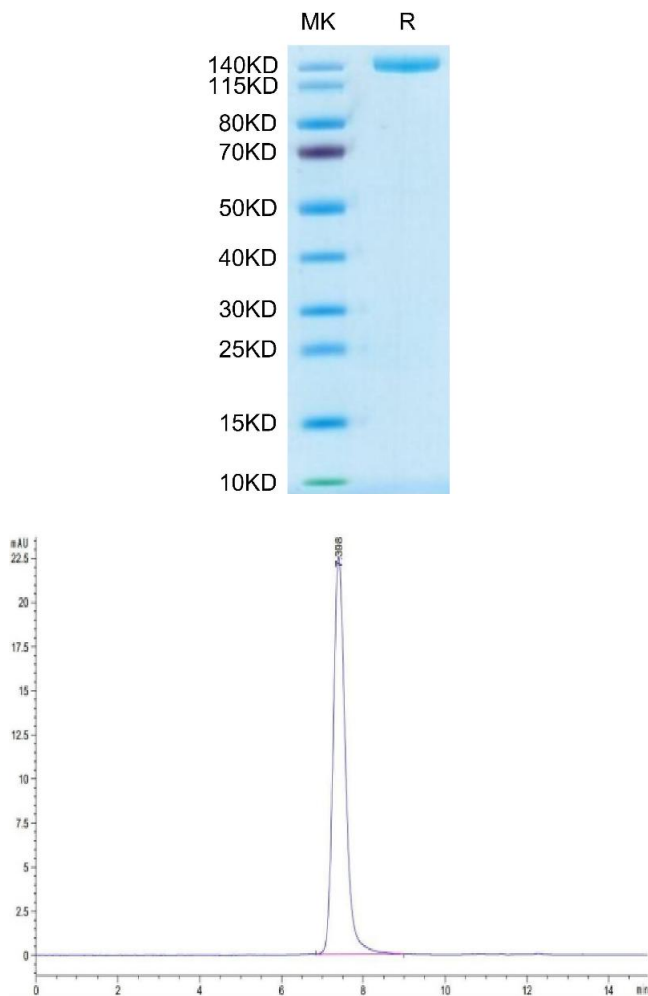
Background:	PlexinA1 (PlxnA1) is a transmembrane receptor for semaphorins, a large family of proteins that act as axonal guidance cues during nervous system development.
Molecular Weight:	134.90 kDa. Due to glycosylation, the protein migrates to 140-160 kDa based on Tris-Bis PAGE result.
UniProt:	P70206
Pathways:	Smooth Muscle Cell Migration

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



SDS-PAGE

Image 1. Mouse PLXNA1 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 Mouse PLXNA1 is greater than 95 % as determined by SEC-HPLC.