Datasheet for ABIN7274545

EFNA4 Protein (AA 26-171) (Fc Tag)

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2 Images

Overview

Quantity:	100 µg
Target:	EFNA4
Protein Characteristics:	AA 26-171
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This EFNA4 protein is labelled with Fc Tag.

Product Details

Purpose:	Human Ephrin-A4/EFNA4 Protein
Sequence:	Leu26-Gly171
Characteristics:	Recombinant Human Ephrin-A4/EFNA4 Protein is expressed from HEK293 with hFc tag at the C-Terminus.It contains Leu26-Gly171.
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:	EFNA4
Alternative Name:	Ephrin-A4 (EFNA4 Products)

Target Details

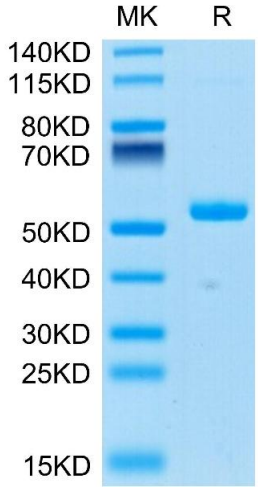
Background:	Ephrin A4 is one of the ephrin ligand molecules belonging to the tyrosine kinases receptor family. It was originally identified in a T-lymphoma cell line and seen to be expressed in human adult tissue as well as several tumor types. The cytoplasmic pattern of ephrin A4 could identify a subgroup of primary osteosarcoma patients with a high liability for progression, poor prognosis, and inferior response to chemotherapy.
Molecular Weight:	43.1 kDa. Due to glycosylation, the protein migrates to 50-60 kDa based on Tris-Bis PAGE result.
Pathways:	RTK Signaling

Application Details

Restrictions:	For Research Use only

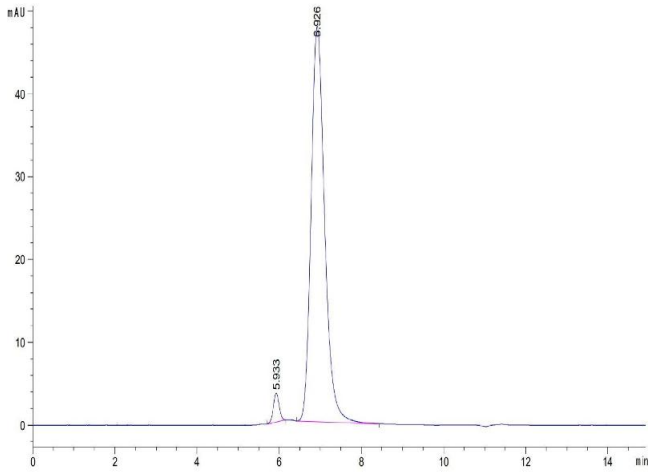
Handling

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. Human Ephrin-A4 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 Human Ephrin-A4 is greater than 95 % as determined by SEC-HPLC.

