Datasheet for ABIN7273823

APLP2 Protein (AA 32-692) (His tag)

2 Images

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Overview

Quantity:	100 µg
Target:	APLP2
Protein Characteristics:	AA 32-692
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This APLP2 protein is labelled with His tag.

Product Details

Purpose:	Human APLP2 Protein
Sequence:	Gly32-Ser692
Characteristics:	Recombinant Human APLP2 Protein is expressed from HEK293 with His tag at the C-Terminus.It contains Gly32-Ser692.
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:	APLP2
Alternative Name:	APLP2 (APLP2 Products)

Target Details

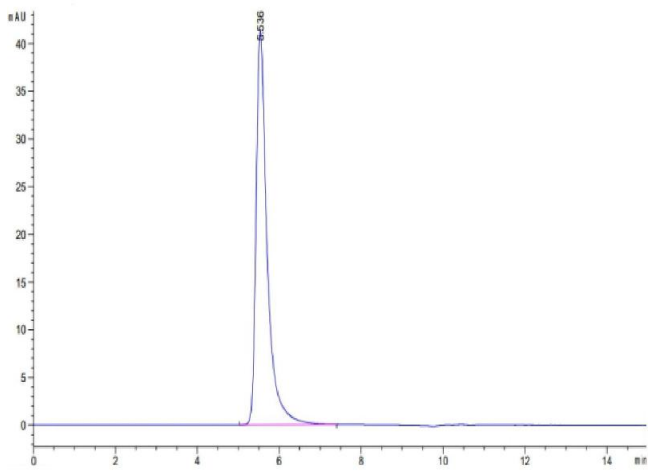
Background:	Amyloid β precursor-like protein 2 (APLP2) has been determined to serve an important role in the progression of a number of cancer types. APLP2 expression was significantly associated with disease-specific survival (P<0.001). APLP2 may be used to potentially predict patient prognosis, and to guide clinical diagnosis and treatment in CCRCC.
Molecular Weight:	77.16 kDa. Due to glycosylation, the protein migrates to 85-100 kDa based on Tris-Bis PAGE result.
Pathways:	EGFR Signaling Pathway, Transition Metal Ion Homeostasis, Feeding Behaviour

Application Details

Restrictions:	For Research Use only

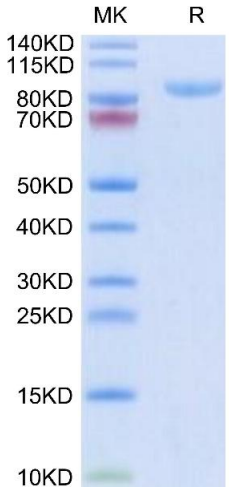
Handling

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



Size-exclusion chromatography-High Pressure Liquid Chromatography

Image 1. The purity of Human APLP2 is greater than 95 % as determined by SEC-HPLC.



SDS-PAGE

Image 2. Human APLP2 on Tris-Bis PAGE under reduced condition. The purity is greater than 95 % .

