Datasheet for ABIN7274473

DKK1 Protein (N-Term) (Fc-Avi Tag,Biotin)

2 Images

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Overview

Quantity:	100 µg
Target:	DKK1
Protein Characteristics:	N-Term
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This DKK1 protein is labelled with Fc-Avi Tag,Biotin.

Product Details

Purpose:	Biotinylated Human DKK1 N terminal Domain Protein
Sequence:	Thr32-Asp142
Characteristics:	Recombinant Biotinylated Human DKK1 N terminal Domain Protein is expressed from HEK293 with hFc tag and Avi tag at the C-Terminus.It contains Thr32-Asp142.
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:	DKK1
Alternative Name:	DKK1 (DKK1 Products)

Target Details

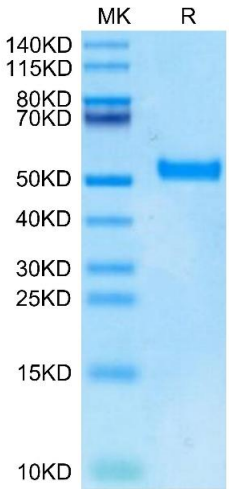
Background:	Dickkopf-1 (Dkk1), the founding and best-studied member of the Dkk family, functions as an antagonist of canonical Wnt/β-catenin. Dkk1 is considered to play a broad role in a variety of biological processes.
Molecular Weight:	40.25 kDa. Due to glycosylation, the protein migrates to 50-60 kDa based on Tris-Bis PAGE result.
UniProt:	O94907
Pathways:	WNT Signaling, Regulation of Muscle Cell Differentiation, Positive Regulation of fat Cell Differentiation

Application Details

Restrictions:	For Research Use only

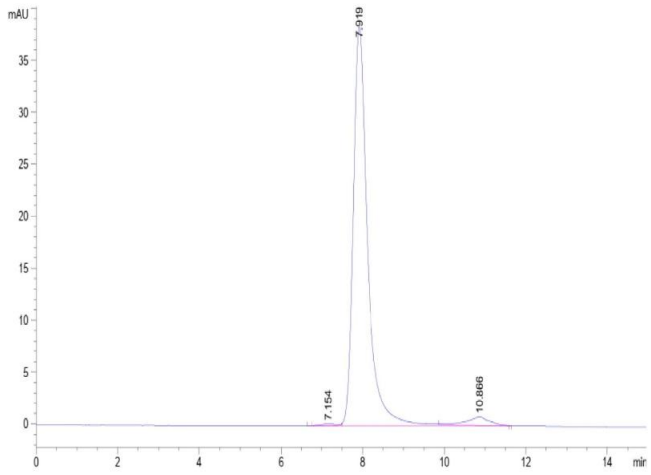
Handling

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. Biotinylated Human DKK1 N terminal Domain 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 Biotinylated Human DKK1 N terminal Domain is greater than 95 % as determined by SEC-HPLC.