



[Go to Product page](#)

Datasheet for ABIN7274470

DKK3 Protein (AA 23-350) (His-Avi Tag)

2 Images

Overview

Quantity:	100 µg
Target:	DKK3
Protein Characteristics:	AA 23-350
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This DKK3 protein is labelled with His-Avi Tag.

Product Details

Purpose:	Human DKK3 Protein
Sequence:	Pro23-Ile350
Characteristics:	Recombinant Human DKK3 Protein is expressed from HEK293 with His tag and Avi tag at the C-Terminus.It contains Pro23-Ile350.
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:	DKK3
Abstract:	DKK3 Products

Target Details

Background: Dkk-3, also known as REIC (Reduced Expansion in Immortalized Cells), is one of four numbered members of the Dickkopf family of Wnt antagonists. DKKs play an important role in vertebrate development, where they locally inhibit Wnt regulated processes such as antero-posterior axial patterning, limb development, somitogenesis and eye formation. In the adult, Dkks are implicated in bone formation and bone disease, cancer and Alzheimer disease.

Molecular Weight: 39.5 kDa. Due to glycosylation, the protein migrates to 55-70 kDa based on Tris-Bis PAGE result.

UniProt: [Q9UBP4](#)

Application Details

Restrictions: For Research Use only

Handling

Format: Lyophilized

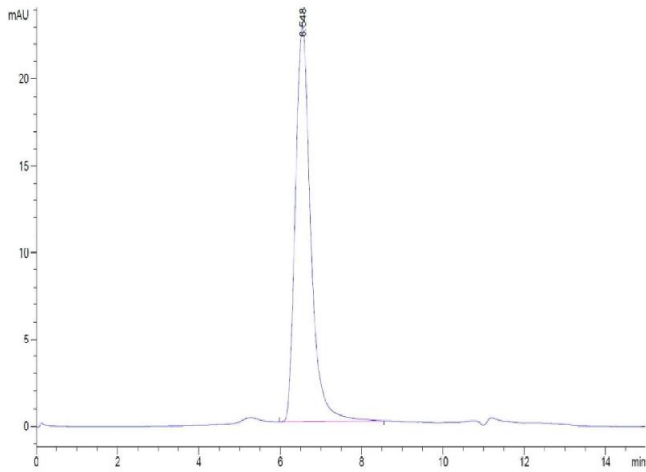
Reconstitution: Centrifuge the tube before opening. Reconstituting to a concentration more than 100 µg/mL is recommended. Dissolve the lyophilized protein in distilled water.

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

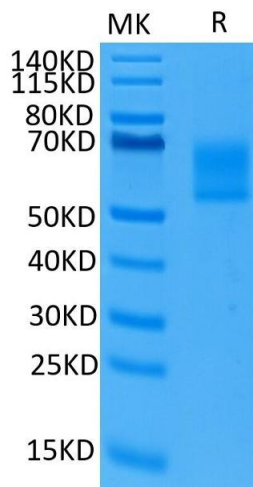
Storage Comment: -20 to -80°C for 12 months as supplied from date of receipt., -80°C for 3-6 months after reconstitution., 2-8°C for 2-7 days after reconstitution., Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.

Expiry Date: 12 months



Size-exclusion chromatography-High Pressure Liquid Chromatography

Image 1. The purity of Human DKK3 is greater than 95 % as determined by SEC-HPLC.



SDS-PAGE

Image 2. Human DKK3 on Tris-Bis PAGE under reduced conditions. The purity is greater than 95 % .