



[Go to Product page](#)

Datasheet for ABIN7274471

## DKK3 Protein (AA 23-350) (His-Avi Tag,Biotin)

### 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,Biotin.

#### Product Details

Purpose:	Biotinylated Human DKK3 Protein
Sequence:	Pro23-Ile350
Characteristics:	Recombinant Biotinylated 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:	<a href="#">DKK3 Products</a>

## Target Details

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**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 50-70 kDa based on Tris-Bis PAGE result.

**UniProt:** [Q9UBP4](#)

## Application Details

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**Restrictions:** For Research Use only

## Handling

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**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

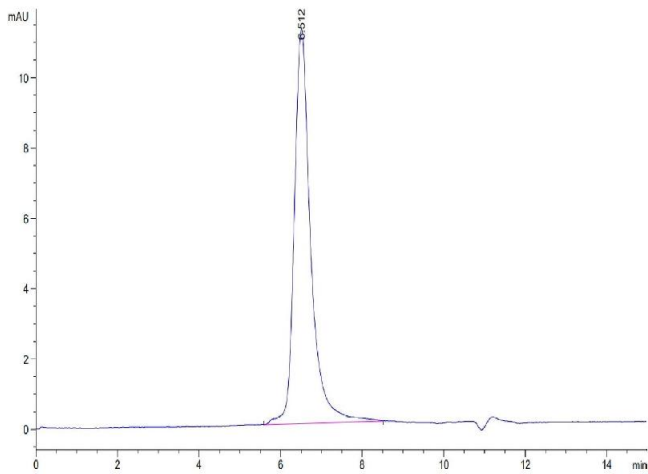
**Storage Comment:** -20 to -80°C for 12 months as supplied from date of receipt., -80°C for 3-6 months after reconstitution., 2-8°C for 2-7 days after reconstitution., Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.

**Expiry Date:** 12 months



### SDS-PAGE

**Image 1.** Biotinylated Human DKK3 on Tris-Bis PAGE under reduced conditions. The purity is greater than 95 % .



### Size-exclusion chromatography-High Pressure Liquid Chromatography

**Image 2.** The purity of Biotinylated Human DKK3 is greater than 95 % as determined by SEC-HPLC.