

# Human DKK1 N terminal Domain Protein

Cat. No. DKK-HM50N

## Description

<b>Source</b>	Recombinant Human DKK1 N terminal Domain Protein is expressed from HEK293 with hFc tag and Avi tag at the C-Terminus. It contains Thr32-Asp142.
<b>Accession</b>	O94907
<b>Molecular Weight</b>	The protein has a predicted MW of 40.25 kDa. Due to glycosylation, the protein migrates to 50-60 kDa based on Bis-Tris PAGE result.
<b>Endotoxin</b>	Less than 1EU per $\mu\text{g}$ by the LAL method.
<b>Purity</b>	> 95% as determined by Bis-Tris PAGE > 95% as determined by HPLC

## Formulation and Storage

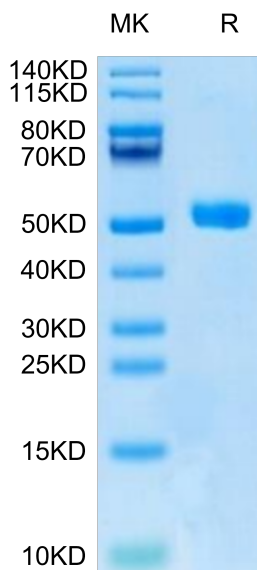
<b>Formulation</b>	Lyophilized from 0.22 $\mu\text{m}$ filtered solution in PBS (pH 7.4). Normally 8% trehalose is added as protectant before lyophilization.
<b>Reconstitution</b>	Centrifuge the tube before opening. Reconstituting to a concentration more than 100 $\mu\text{g}/\text{ml}$ is recommended. Dissolve the lyophilized protein in distilled water.
<b>Storage</b>	-20 to -80°C for 12 months as supplied from date of receipt. -80°C for 3 months after reconstitution. Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.

## Background

Dickkopf-1 (Dkk1), the founding and best-studied member of the Dkk family, functions as an antagonist of canonical Wnt/ $\beta$ -catenin. Dkk1 is considered to play a broad role in a variety of biological processes.

## Assay Data

### Bis-Tris PAGE



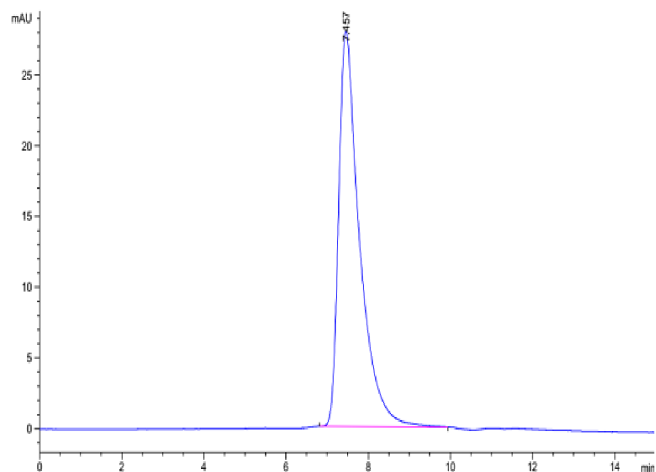
Human DKK1 N terminal Domain on Bis-Tris PAGE under reduced condition. The purity is greater than 95%.

### SEC-HPLC

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## Assay Data



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