

# Mouse DKK3 (His Tag) recombinant protein



Catalog Number: 501805

## General Information

### Gene Name Synonym:

### Protein Construction:

A DNA sequence encoding the extracellular domain (Met 1-Ile 349) of mouse DKK3 (NP\_056629.1) precursor was expressed with a C-terminal polyhistidine tag.

**Source:** Mouse

**Expression Host:** Human Cells

### QC Testing

#### Activity:

#### Purity:

> 97 % as determined by SDS-PAGE

#### Endotoxin:

< 1.0 EU per  $\mu\text{g}$  of the protein as determined by the LAL method

#### Stability:

Samples are stable for up to twelve months from date of receipt at  $-70^{\circ}\text{C}$

#### Predicted N terminal:

Pro 23

#### Molecular Mass:

The secreted recombinant mouse DKK3 consists of 338 amino acids and has a calculated molecular

mass of 38 kDa. As a result of glycosylation, the recombinant protein migrates as an approximately 65 kDa protein in SDS-PAGE under reducing conditions.

### Formulation:

Lyophilized from sterile PBS, pH 7.4

1. 5 % trehalose and mannitol are added as protectants before lyophilization.

2. Please contact us for any concerns or special requirements.

### Usage Guide

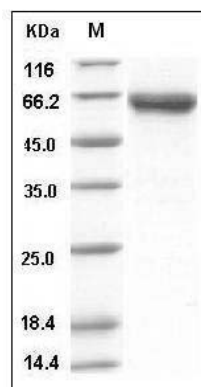
#### Storage:

Store it under sterile conditions at  $-20^{\circ}\text{C}$  to  $-80^{\circ}\text{C}$ . It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

#### Reconstitution:

Adding sterile water, prepare a stock solution of 0.25 mg/ml. Concentration is measured by UV-Vis.

#### SDS-PAGE:



Mouse Dkk-3 / DKK3 Protein (His Tag) SDS-PAGE