

# Recombinant Mouse Dkk-1 Protein

Catalog No.: RP01062 **Recombinant**

## Sequence Information

| Species | Gene ID | Swiss Prot |
|---------|---------|------------|
| Mouse   | 13380   | O54908     |

### Tags

C-His

### Synonyms

DKK1;SK;Dickkopf-1;DKK1;DKK1;SK;DKK1

## Product Information

| Source       | Purification       |
|--------------|--------------------|
| HEK293 cells | > 87% by SDS-PAGE. |

| Calculated MW | Observed MW |
|---------------|-------------|
| 30.13 kDa     | 38-45kDa    |

### Endotoxin

< 0.1 EU/μg of the protein by LAL method.

### Formulation

Lyophilized from a 0.22 μm filtered solution of PBS, pH 7.4. Contact us for customized product form or formulation.

### Reconstitution

Centrifuge the vial before opening. Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water. Avoid vortex or vigorously pipetting the protein. For long term storage, it is recommended to add a carrier protein or stabilizer (e.g. 0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose), and aliquot the reconstituted protein solution to minimize free-thaw cycles.

## Contact

 | 400-999-6126

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## Background

### Basic Information

#### Description

Recombinant Mouse Dkk-1 Protein is produced by HEK293 expression system. The target protein is expressed with sequence (Met1-His272) of mouse Dkk-1 (Accession #NP\_034181.2. ) fused with a 6×His tag at the C-terminus.

#### Bio-Activity

Measured by its binding ability in a functional ELISA. Immobilized Mouse DKK-1 at 5 μg/mL (100 μL/well) can bind Human LRP-5 with a linear range of 1-399 ng/mL.

#### Storage

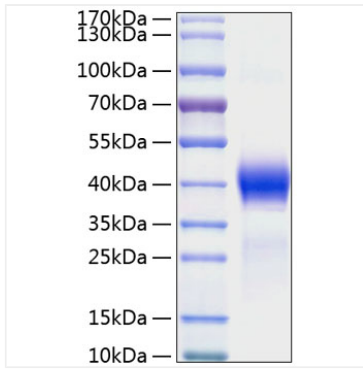
Store at -20°C. Store the lyophilized protein at -20°C to -80 °C up to 1 year from the date of receipt.

After reconstitution, the protein solution is stable at -20°C for 3 months, at 2-8°C for up to 1 week.

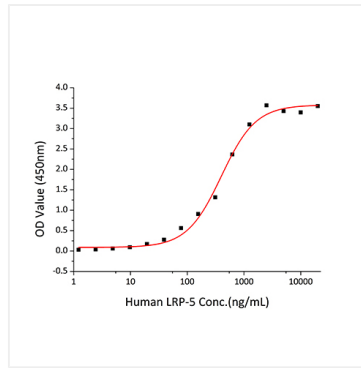
Avoid repeated freeze/thaw cycles.

## Validation Data

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Recombinant Mouse Dkk-1 Protein was determined by SDS-PAGE with Coomassie Blue, showing a band at 38-45kDa.



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