

Recombinant Mouse Dkk-1 Protein

Catalog No.: RP01062 **Recombinant**

Sequence Information

Species	Gene ID	Swiss Prot
Mouse	13380	054908

Tags

C-His

Synonyms

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

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.

Shipping

The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature recommended below.

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.

Operational Notes

For your safety and health, please wear a lab coat and disposable gloves for handling.

Product Information

Source

HEK293 cells

Purification

≥ 85 % as determined by SDS-PAGE.

Calculated MW

30.13 kDa

Observed MW

Approximately 40 kDa

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

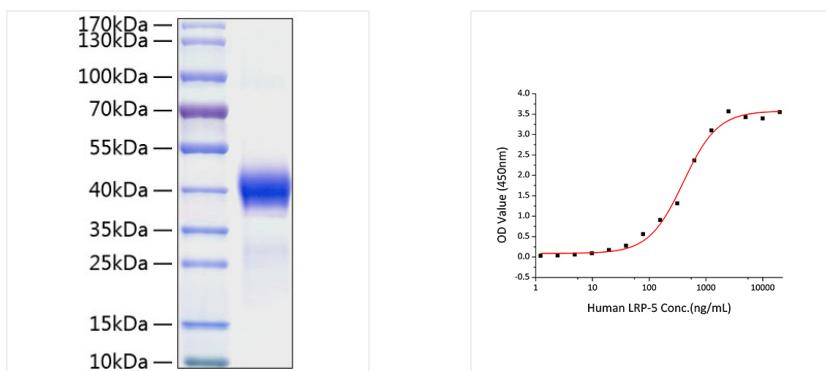
Centrifuge the vial before opening. Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water. Avoid vortex or vigorously pipetting the protein. For long term storage, it is recommended to add a carrier protein or stabilizer (e.g. 0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose), and aliquot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

Contact

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Validation Data



Recombinant Mouse Dkk-1 Protein was determined by SDS-PAGE under reducing conditions with Coomassie Blue.

Immobilized Mouse DKK-1 at 5 μ g/mL (100 μ L/well) can bind Human LRP-5 with a linear range of 1-399 ng/mL.