

General Information

Gene Name Synonym

Dickkopf-1; Dkk-1; mDkk-1

Protein Construction

A DNA sequence encoding the mouse DKK1 (NP_034181.2) (Met1-His272) was expressed with a polyhistidine tag at the C-terminus.

Organism

Mouse

Expression Host

Human Cells

QC Testing

Activity

Measured by its ability to inhibit recombinant rmWnt3a induced alkaline phosphatase production by C3H10T 1/2 cells. The ED₅₀ for this effect is 0.05-0.3 µg/mL.

Purity

> 95 % as determined by SDS-PAGE.

Endotoxin

< 1.0 EU per µg protein as determined by the LAL method.

Stability

Samples are stable for up to twelve months from date of receipt at -70°C

Predicted N terminal

Thr 32

Molecular Mass

The recombinant mouse DKK1 consists of 252 amino acids and predicts a molecular mass of 27.6 kDa.

Formulation

Lyophilized from sterile PBS, pH 7.4.

1. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization. Specific concentrations are included in the hardcopy of COA.

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

Usage Guide

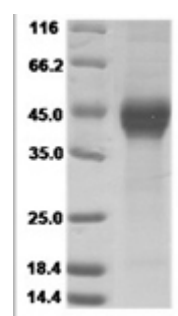
Storage

Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

Reconstitution

A hardcopy of COA with reconstitution instruction is sent along with the products. Please refer to it for detailed information.

SDS-PAGE

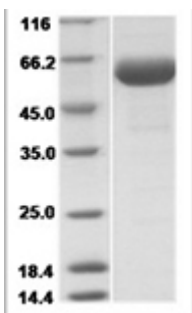


Mouse DKK1/Dkk-1 Protein 15527

Mouse DKK1 recombinant protein (C-His)



Catalog Number: 514792



Mouse DKK-1 Protein (His Tag)