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Recombinant Mouse DKK3 Protein (His Tag)

Catalog Number: PDMM100207

Note: Centrifuge before opening to ensure complete recovery of vial contents.

Description

Species Mouse

Source HEK293 Cells-derived Mouse DKK3 protein Met1-lle349, with an C-terminal His

 Calculated MW
 38.3 kDa

 Observed MW
 60 kDa

 Accession
 Q9QUN9

Bio-activity Not validated for activity

Properties

Purity > 95% as determined by reducing SDS-PAGE.

Endotoxin < 1.0 EU/mg of the protein as determined by the LAL method

Storage Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -

80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of

reconstituted samples are stable at < -20°C for 3 months.

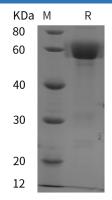
ShippingThis product is provided as lyophilized powder which is shipped with ice packs.FormulationLyophilized from a 0.2 μm filtered solution in PBS with 5% Trehalose and 5%

Mannitol.

Reconstitution It is recommended that sterile water be added to the vial to prepare a stock solution

of 0.5 mg/mL. Concentration is measured by UV-Vis.

Data



SDS-PAGE analysis of Mouse DKK3 proteins, 2 µg/lane of Recombinant Mouse DKK3 proteins was resolved with SDS-PAGE under reducing conditions, showing bands at 60 kDa.

Background

DKK3 (dickkopf related protein 3) is a member of the dickkopf-related family consisting of DKK1, DKK2, DKK3 and DKK4. It is a secreted protein, and also known as REIC (Reduced Expansion in Immortalized Cells). The DKK3 protein is proposed to function as a secreted tumor suppressor since it is downregulated in a number of cancer cells and prostate cancer tissue and may be a promising candidate molecule for therapeutic interference. DKK3 protein is also a negative regulator of beta-catenin and its downregulation contribute to an activation of the beta-catenin signaling pathway.

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