

Recombinant Mouse DKK1 protein (His tag)

Catalog No. PDMM100011

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

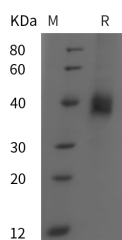
Description

Synonyms	Dickkopf-related protein 1;Dickkopf-1;Dkk-1;mDkk-1;Dkk1
Species	Mouse
Expression Host	HEK293 Cells
Sequence	Met1-His272
Accession	O54908
Calculated Molecular Weight	29.8 kDa
Observed molecular weight	40 kDa
Tag	C-His
Bioactivity	Not validated for activity

Properties

Purity	> 95 % as determined by reducing SDS-PAGE.
Endotoxin	Please contact us for more information.
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.
Shipping	This product is provided as lyophilized powder which is shipped with ice packs.
Formulation	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization. Please refer to the specific buffer information in the printed manual.
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



> 95 % as determined by reducing SDS-PAGE.

Background

Antagonizes canonical Wnt signaling by inhibiting LRP5/6 interaction with Wnt and by forming a ternary complex with

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the transmembrane protein KREMEN that promotes internalization of LRP5/6. Inhibits the pro-apoptotic function of KREMEN1 in a Wnt-independent manner, and has anti-apoptotic activity. Plays a role in limb development; attenuates Wnt signaling in the developing limb to allow normal limb patterning.