

Recombinant Mouse DKK1 protein (His tag)

Catalog Number:PDMM100011



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

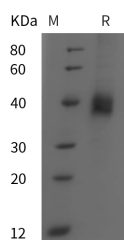
Description

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

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	Please refer to the printed manual for detailed information.

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 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.

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