

Datasheet for ABIN7505732
DKK1 Protein (AA 1-272) (His tag)



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Overview

Quantity:	100 µg
Target:	DKK1
Protein Characteristics:	AA 1-272
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This DKK1 protein is labelled with His tag.

Product Details

Sequence:	Met1-His272
Characteristics:	A DNA sequence encoding the Mouse DKK1 protein (O54908) (Met1-His272) was expressed with a C-His.
Purity:	> 95 % as determined by reducing SDS-PAGE.

Target Details

Target:	DKK1
Alternative Name:	DKK1 (DKK1 Products)
Background:	Abbreviation: DKK1 Target Synonym: Dickkopf-related protein 1,Dickkopf-1,Dkk-1,mDkk-1,Dkk1 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

Target Details

	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.
Molecular Weight:	Calculated MW: 29.81 kDa Observed MW: 40 kDa
UniProt:	O54908
Pathways:	WNT Signaling , Regulation of Muscle Cell Differentiation , Positive Regulation of fat Cell Differentiation

Application Details

Restrictions:	For Research Use only
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Handling

Format:	Lyophilized
Buffer:	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01 % Tween80 are added as protectants before lyophilization.
Storage:	4 °C,-20 °C,-80 °C
Storage Comment:	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.
Expiry Date:	12 months