

Datasheet for ABIN7534756 **DKK1 Protein (His tag)**

[Go to Product page](#)

Overview

Quantity:	50 µg
Target:	DKK1
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Biological Activity:	Active
Purification tag / Conjugate:	This DKK1 protein is labelled with His tag.

Product Details

Purpose:	Active Recombinant Mouse Dkk-1 Protein
Sequence:	MMVCAAAAV RFLAVFTMMA LCSLPLLGAS ATLNSVLINS NAIKNLPPPL GGAGGQPGSA VSVAPGVLYE GGNKYQTLDN YQPYPCAEDE ECGSDEYCSS PSRGAAGVGG VQICLACRKR RKRCMRHAMC CPGNYCKNGI CMPSDHSHFP RGEIEESIIE NLGNDHNAAA GDGYPRRTTL TSKIYHTKGQ EGSVCLRSSD CAAGLCCARH FWSKICKPVL KEGQVCTKHK RKGSHGLEIF QRCYCGEGLA CRIQKDHHQA SNSSRLHTCQ RH
Specificity:	Met1-His272
Purity:	> 87 % by SDS-PAGE.
Sterility:	0.22 µm filtered
Endotoxin Level:	< 0.1 EU/µg of the protein by LAL method.
Biological Activity Comment:	Measured by its binding ability in a functional ELISA. Immobilized Mouse DKK-1 at 5 µg/mL (100 µL/well) can bind Human LRP-5 with a linear range of 1-399 ng/mL.

Target Details

Target:	DKK1
Alternative Name:	Dkk-1 (DKK1 Products)
Background:	DKK1,SK,Dickkopf-1,DKK1,DKK1,SK,DKK1
Gene ID:	13380
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
Reconstitution:	Centrifuge the vial before opening. Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water. Avoid vortex or vigorously pipetting the protein. For long term storage, it is recommended to add a carrier protein or stabilizer (e.g. 0.1 % BSA, 5 % HSA, 10 % FBS or 5 % Trehalose), and aliquot the reconstituted protein solution to minimize free-thaw cycles.
Buffer:	Lyophilized from a 0.22 µm filtered solution of PBS, pH 7.4.
Storage:	-20 °C,-80 °C
Storage Comment:	Store the lyophilized protein at -20°C to -80 °C for long term. After reconstitution, the protein solution is stable at -20 °C for 3 months, at 2-8 °C for up to 1 week.