

Recombinant Human DKK1 protein, His-tagged

Cat. No. DKK1-32H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human DKK1 protein(NP_036374.1) (Met 2-His 266) was expressed in HEK293 with a C-terminal polyhistidine tag.
Species	Human
Source	HEK293
ProteinLength	2-266 aa
Form	Lyophilized from sterile PBS, pH 7.4.
Bio-activity	Measured by its ability to inhibit Wnt3a-induced alkaline phosphatase production by C3H10T1/2 cells. The ED50 for this effect is approximately 0.1-0.4 µg/ml in the presence of 10 ng/mL of mouse Wnt3a.
Molecular Mass	The recombinant human DKK1 protein consists of 235 amino acids and has a calculated molecular mass of 25.8 kDa. In SDS-PAGE under reducing conditions, the apparent molecular mass of rh DKK1 is approximately 45 kDa due to glycosylation.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method.
Purity	> 90 % as determined by SDS-PAGE
Storage	Store it under sterile conditions at -20°C to -80°C upon receiving. Recommend to aliquot the protein into smaller quantities for optimal storage. Avoid repeated freeze-

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thaw cycles.

Reconstitution

It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name [DKK1 dickkopf 1 homolog \(Xenopus laevis\) \[Homo sapiens \]](#)

Official Symbol [DKK1](#)

Synonyms DKK1; dickkopf 1 homolog (Xenopus laevis); dickkopf (Xenopus laevis) homolog 1; dickkopf-related protein 1; DKK 1; SK; hDkk-1; dickkopf-1 like; dickkopf related protein-1; DKK-1;

Gene ID [22943](#)

mRNA Refseq [NM_012242](#)

Protein Refseq [NP_036374](#)

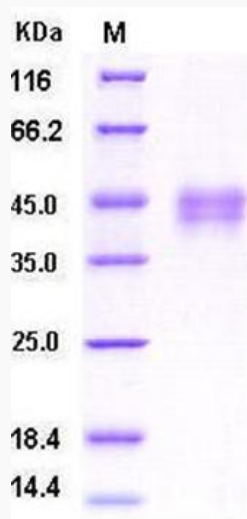
MIM [605189](#)

UniProt ID [O94907](#)

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SDS-PAGE

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