

Recombinant Human DKK2 Protein, His-tagged

Cat. No. DKK2-1343H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human DKK2 Protein (Ile38-Lys258) with N-His tag was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Ile38-Lys258
Description	This gene encodes a protein that is a member of the dickkopf family. The secreted protein contains two cysteine rich regions and is involved in embryonic development through its interactions with the Wnt signaling pathway. It can act as either an agonist or antagonist of Wnt/beta-catenin signaling, depending on the cellular context and the presence of the co-factor kremen 2. Activity of this protein is also modulated by binding to the Wnt co-receptor LDL-receptor related protein 6 (LRP6).
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 28.1 kDa Accurate Molecular Mass: 28 kDa
Purity	> 90%
Applications	Positive Control; Immunogen; SDS-PAGE; WB.

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Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.
Storage Buffer	PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.
Reconstitution	Reconstitute in PBS or others.

GENE INFORMATION

Gene Name	DKK2 dickkopf 2 homolog (<i>Xenopus laevis</i>) [<i>Homo sapiens</i> (human)]
Official Symbol	DKK2
Synonyms	DKK2; dickkopf 2 homolog (<i>Xenopus laevis</i>); dickkopf (<i>Xenopus laevis</i>) homolog 2; dickkopf-related protein 2; hDkk-2; dickkopf-2; dickkopf homolog 2; dickkopf related protein-2; DKK-2;
Gene ID	27123
mRNA Refseq	NM_014421
Protein Refseq	NP_055236
MIM	605415
UniProt ID	Q9UBU2

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