

Recombinant Human DKK2 Protein, His-tagged

Cat. No. DKK2-2665H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human DKK2 (NP_055236, 34 a.a. - 259 a.a.) partial recombinant protein with His tag expressed in Escherichia coli.
Species	Human
Source	E.coli
ProteinLength	34-259 a.a.
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). [provided by RefSeq, Jul 2008]
Form	Liquid
Molecular Mass	27.6 kDa
AA Sequence	MGSSHHHHHHSSGLVPRGSHMGSMKLNLSIKSSLGGETPGQAANRSAGMYQGLAF GGSKKGKNLGQAYPCSSDKECEVGRYCHSPHQSSACMVCRRKKKRCHRDGMC CPSTRCNNGICIPVTESILTPHIPALDGTRHRDRNHGHYSNHDLGWQNLGRPHTKM SHIKGHEGDPCLRSSDCIEGFCCARHFWTKICKPVLHQGEVCTKQRKKGSHGLEIFQ

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	RCDCAKGLSCKVWKDATYSSKARLHVCQKI
Purity	> 90% by SDS - PAGE
Applications	SDS-PAGE
Storage	Store at -20 centigrade. For long term storage store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	In 20mM Tris-HCl buffer, pH 8.0 (0.4M Urea, 10% glycerol).

GENE INFORMATION

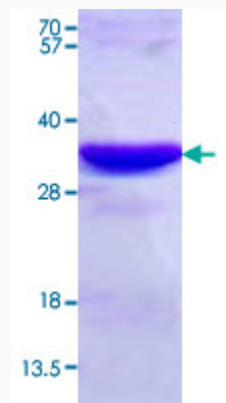
Gene Name	DKK2 dickkopf 2 homolog (Xenopus laevis) [Homo sapiens]
Official Symbol	DKK2
Synonyms	DKK2; dickkopf 2 homolog (Xenopus laevis); dickkopf (Xenopus laevis) homolog 2; dickkopf-related protein 2; hDkk-2; dickkopf-2; dickkopf homolog 2; dickkopf related protein-2; DKK-2;
Gene ID	27123
mRNA Refseq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

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**Quality Control
Testing**



3 µg/lane in 15% SDS-PAGE Stained with Coomassie Blue. Due to the protein nature, dimmers and multimers may be observed.

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