

Recombinant Full Length Human DKK2 Protein, GST-tagged

Cat. No. DKK2-3948HF Lot. No. (See product label)

SPECIFICATION

Product Overview Human DKK2 full-length ORF (BAG35574.1, 1 a.a. - 259 a.a.) recombinant protein with GST-tag at N-terminal.

Species Human

Source In Vitro Cell Free System

Protein Length 259 amino acids

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]

Molecular Mass 54.89 kDa

AA Sequence
 MAALMRSKDSSCCLLLLLAAVLMVESSQIGSSRAKLNSIKSSLGGETPGQAANRSAG
 MYQGLAFGGSKKGNLGGAYPCSSDKECEVGRYCHSPHQGSSACMVCRRKKKRC
 HRDGMCCPSTRCNNGICIPVTESILTPHIPALDGTRHRDRNHGHYSNHDLGWQNLG
 RPHTKMSHIKGHEGDPCLRSSDCIEGFCCARHFWTKICKPVLHQGEVCTKQRKKGS
 HGLEIFQRCDCAKGLSCKVWKDATYSSKARLHVCQKI

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Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array
Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

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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