

Recombinant Human DKK1, His-tagged

Cat. No. DKK1-27610TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant full length Human DKK1 fused to a His tag at the C-terminus expressed in Hi-5 cells using a baculovirus expression system, MWt 27.8kDa .
Species	Human
Description	This gene encodes a protein that is a member of the dickkopf family. It is a secreted protein with two cysteine rich regions and is involved in embryonic development through its inhibition of the WNT signaling pathway. Elevated levels of DKK1 in bone marrow plasma and peripheral blood is associated with the presence of osteolytic bone lesions in patients with multiple myeloma.
Conjugation	HIS
Tissue specificity	Placenta.
Form	Liquid
Storage buffer	Preservative: None Constituents: 10% Glycerol, PBS, pH 7.4
Storage	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.
Sequences of amino acids	ADPTLNSVLN SNAIKNLPPP LGGAAGHPGS AVSAAPGILY PGGNKYQTID NYQPYPCAED EECGTDEYCA SPTRGGDAGV QICLACRKRR KRCMRHAMCC PGNYCKNGIC VSSDQNHFRG EIEETITESF GNDHSTLDGY SRRTTLSSKM

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YHTKGQEGSV CLRSSDCASG LCCARHFWSK ICKPVLKEGQ VCTKHRRKGS
HGLEIFQRCY CGEGLSCRIQ KDHHQASNSS RLHTCQRHSG RLVPRGSHHH HHH

Sequence Similarities Belongs to the dickkopf family.

Full Length Full L.

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;

Gene ID [22943](#)

mRNA Refseq [NM_012242](#)

Protein Refseq [NP_036374](#)

MIM [605189](#)

Uniprot ID [O94907](#)

Chromosome Location 10q11.2

Pathway Direct p53 effectors, organism-specific biosystem; Presenilin action in Notch and Wnt signaling, organism-specific biosystem; Regulation of Wnt-mediated beta catenin

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signaling and target gene transcription, organism-specific biosystem; Validated targets of C-MYC transcriptional repression, organism-specific biosystem; Wnt Signaling Pathway NetPath, organism-specific biosystem;

Function

growth factor activity; low-density lipoprotein particle receptor binding; protein binding; receptor antagonist activity; signal transducer activity;

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