

Recombinant Human DKK1 Protein, THR32-HIS266, Tag Free, Biotinylated

Cat. No. DKK1-068H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human Dickkopf-1 (DKK1) protein was developed from HEK293.
Species	Human
Source	HEK293
ProteinLength	THR32-HIS266
Description	This gene encodes a member of the dickkopf family of proteins. Members of this family are secreted proteins characterized by two cysteine-rich domains that mediate protein-protein interactions. The encoded protein binds to the LRP6 co-receptor and inhibits beta-catenin-dependent Wnt signaling. This gene plays a role in embryonic development and may be important in bone formation in adults. Elevated expression of this gene has been observed in numerous human cancers and this protein may promote proliferation, invasion and growth in cancer cell lines.
Conjugation/Label	Biotin
Form	Lyophilised
Endotoxin	Endotoxin level was found to be less than 0.1 ng/μg (1 EU/μg).
Applications	ELISA, WB

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Notes	FOR RESEARCH USE ONLY (RUO).
Storage	Recombinant DKK1 can be stored in working aliquots at 2 to 8 centigrade for one month, or at -20 to -70 centigrade for 1 year. Avoid repeated freeze/thaw cycles.
Storage Buffer	Lyophilised from 0.2 µm filtered PBS solution, pH 7.2, 5% Trehalose.
Conjugation	Biotin
GENE INFORMATION	
Gene Name	DKK1 dickkopf 1 homolog (Xenopus laevis) [Homo sapiens (human)]
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