

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

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

### SPECIFICATION

<b>Product Overview</b>	Recombinant human Dickkopf-1 (DKK1) protein was developed from HEK293.
<b>Species</b>	Human
<b>Source</b>	HEK293
<b>ProteinLength</b>	THR32-HIS266
<b>Description</b>	<p>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.</p>
<b>Conjugation/Label</b>	Biotin
<b>Form</b>	Lyophilised
<b>Endotoxin</b>	Endotoxin level was found to be less than 0.1 ng/μg (1 EU/μg).
<b>Applications</b>	ELISA, WB

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

<b>Notes</b>	FOR RESEARCH USE ONLY (RUO).
<b>Storage</b>	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.
<b>Storage Buffer</b>	Lyophilised from 0.2 µm filtered PBS solution, pH 7.2, 5% Trehalose.
<b>Conjugation</b>	Biotin
<b>GENE INFORMATION</b>	
<b>Gene Name</b>	DKK1 dickkopf 1 homolog (Xenopus laevis) [ Homo sapiens (human) ]
<b>Official Symbol</b>	DKK1
<b>Synonyms</b>	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;
<b>Gene ID</b>	22943
<b>mRNA Refseq</b>	NM_012242
<b>Protein Refseq</b>	NP_036374
<b>MIM</b>	605189
<b>UniProt ID</b>	O94907

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