

## Recombinant Human DKK1 protein, His-Avi-tagged

**Cat. No.** DKK1-907H    **Lot. No.** (See product label)

### SPECIFICATION

<b>Product Overview</b>	Human DKK1 Protein is expressed from mammalian with His Tag and Avi Tag at the C-terminal. It contains Thr32-His266.
<b>Species</b>	Human
<b>Source</b>	HEK293
<b>ProteinLength</b>	Thr32-His266
<b>Description</b>	Dickkopf related protein 1(Dkk-1) is the founding member of the Dickkopf family of proteins that includes Dkk-1, -2, -3, -4, and a related protein, Soggy. Dkk proteins are secreted proteins that contain two conserved cysteine-rich domains separated by a linker region. Dkk antagonizes canonical Wnt signaling by inhibiting LRP5/6 interaction with Wnt and by forming a ternary complex with the transmembrane protein KREMEN that promotes internalization of LRP5/6. DKKs play an important role in vertebrate development, where they locally inhibit Wnt regulated processes such as antero-posterior axial patterning, limb development, somitogenesis and eye formation.
<b>Form</b>	Supplied as 0.22um filtered solution in PBS (pH 7.4).
<b>Molecular Mass</b>	The protein has a predicted MW of 28.5 Kda.
<b>Endotoxin</b>	Less than 1EU per ug by the LAL method.

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**Storage** The product should be stored at -70°C. Please do not repeated freeze-thaw cycles.

## GENE INFORMATION

**Gene Name** DKK1

**Official Symbol** DKK1

**Synonyms** dickkopf (Xenopus laevis) homolog 1; dickkopf homolog 1 (Xenopus laevis); dickkopf related protein-1; Dickkopf-1; dickkopf-related protein 1; Dkk1; Dkk-1; hDkk-1; SKdickkopf-1 like

**Gene ID** 22943

**mRNA Refseq** NM\_012242.4

**Protein Refseq** NP\_036374.1

**MIM** 605189

**UniProt ID** O94907

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