Active Recombinant Human DKK1

Cat. No. DKK1-1068H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human DKK1 (Accession # O94907) Thr32-His266, fused with , was produced in Spodoptera frugiperda, Sf 21 (baculovirus)-derived.
Species	Human
Source	Sf21 Cells
ProteinLength	Thr32-His266
Predicted N Terminal	Thr32
Form	Lyophilized from a 0.2 μm filtered solution in PBS with BSA as a carrier protein.
Bio-activity	Measured by its ability to inhibit Wnt-3a-induced alkaline phosphatase production by MC3T3-E1 mouse preosteoblast cells.The ED50 for this effect is typically 0.03-0.15 μg/mL in the presence of 5 ng/ml of Recombinant Mouse Wnt-3a.
Molecular Mass	Recombinant Human DKK1 has a calculated MW of 25.8 kDa. In SDS-PAGE migrates as 33-38 kDa, reducing conditions.
Purity	>95%, by SDS-PAGE with silver staining.
Storage	Avoid repeated freeze-thaw cycles. No activity loss was observed after storage at: In lyophilized state for 1 year (4ºC); After reconstitution under sterile conditions for 3 months (-70ºC).

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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; 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
Chromosome Location	10q11.2

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