

Active Recombinant Human DKK3 Protein, His-tagged

Cat. No. DKK3-001H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human DKK-3 (Ala22-Ile350) protein with a C-terminal 10-His tag was expressed in NS0 cells.
Species	Human
Source	Mouse myeloma cell
ProteinLength	22-350 a.a.
Form	Lyophilized
Bio-activity	Measured by its ability to inhibit proliferation of HeLa human cervical epithelial carcinoma cells. Hsieh, S.Y. et al. (2004) Oncogene 23:9183. The ED50 for this effect is 3-12 µg/mL.
Molecular Mass	Predicted Molecular Mass: 37.5 kDa SDS-PAGE: 75-80 kDa, reducing conditions
N-terminal Sequence Analysis	Ala22
Endotoxin	<0.10 EU per 1 µg of the protein by the LAL method.
Purity	>95%, by SDS-PAGE under reducing conditions and visualized by silver stain

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Storage	Avoid repeated freeze-thaw cycles. 12 months from date of receipt, -20 to -70 centigrade as supplied. 1 month, 2 to 8 centigrade under sterile conditions after reconstitution. 3 months, -20 to -70 centigrade under sterile conditions after reconstitution.
Storage Buffer	Lyophilized from a 0.2 µm filtered solution in PBS.
Reconstitution	Reconstitute at 250 µg/mL in sterile PBS.
GENE INFORMATION	
Gene Name	DKK3
Official Symbol	DKK3 dickkopf WNT signaling pathway inhibitor 3 [Homo sapiens (human)]
Synonyms	dickkopf (Xenopus laevis) homolog 3; dickkopf 3; dickkopf homolog 3 (Xenopus laevis); Dickkopf-3; dickkopf-related protein 3; Dkk3; Dkk-3; hDkk-3; regulated in glioma; REIC; REICdkk-3; RIG; RIG-like 5-6; RIG-like 7-1; DKK3; dickkopf WNT signaling pathway inhibitor 3
Gene ID	27122
mRNA Refseq	NM_001018057
Protein Refseq	NP_001018067
MIM	605416
UniProt ID	Q9UBP4