

Recombinant Human DKKL1 Protein, Full Length, C-10×His tagged

Cat. No. DKKL1-34HFL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human DKKL1 Protein, Full Length, with a C-terminal 10-His tag was expressed in Mouse myeloma cell line.
Species	Human
Source	Mouse myeloma cell
ProteinLength	Full Length
Description	The dickkopf protein family interacts with the Wnt signaling pathway and its members are characterized by two conserved cysteine-rich domains. This gene encodes a secreted protein that has low sequence similarity to the dickkopf-3 protein. Multiple alternatively spliced transcript variants encoding distinct isoforms have been found for this gene.
Form	Monomer
Bio-activity	Measured by its ability to inhibit proliferation of HeLa human cervical epithelial carcinoma cells. The ED50 for this effect is 2-6 µg/mL.
Molecular Mass	Predicted Molecular Mass: 25.3 kDa SDS-PAGE: 40 kDa, reducing conditions
Endotoxin	< 0.10 EU/µg of the protein by the LAL method.

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Purity	> 90%, by SDS-PAGE under reducing conditions and visualized by silver stain
N-terminal Sequence Analysis	Ala31
Storage	Use a manual defrost freezer and 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 with BSA as a carrier protein.
Shipping	The product is shipped at ambient temperature.
Reconstitution	Reconstitute at 100 µg/mL in sterile PBS containing at least 0.1% human or bovine serum albumin.
References	1. Kawano, Y. and R. Kypka (2003) J. Cell Sci. 116:2627. 2. Krupnik, V.E. et al. (1999) Gene 238:301. 3. Kohn, M.J. et al. (2005) Mol. Reprod. Dev. 71:516.

GENE INFORMATION

Gene Name	DKKL1 dickkopf-like 1 [Homo sapiens (human)]
Official Symbol	DKKL1
Synonyms	DKKL1; dickkopf-like 1; dickkopf like 1 (soggy); dickkopf-like protein 1; cancer/testis antigen 34; CT34; SGY 1; soggy; soggy-1; protein soggy-1; SGY; SGY1; SGY-1;
Gene ID	27120

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mRNA Refseq	NM_001197301
Protein Refseq	NP_001184230
MIM	605418
UniProt ID	Q9UK85

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