

# Recombinant Human DKKL1 Protein, Full Length, C-10xHis tagged

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

## SPECIFICATION

<b>Product Overview</b>	Recombinant Human DKKL1 Protein, Full Length, with a C-terminal 10-His tag was expressed in Mouse myeloma cell line.
<b>Species</b>	Human
<b>Source</b>	Mouse myeloma cell
<b>ProteinLength</b>	Full Length
<b>Description</b>	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.
<b>Form</b>	Monomer
<b>Bio-activity</b>	Measured by its ability to inhibit proliferation of HeLa human cervical epithelial carcinoma cells. The ED50 for this effect is 2-6 µg/mL.
<b>Molecular Mass</b>	Predicted Molecular Mass: 25.3 kDa SDS-PAGE: 40 kDa, reducing conditions
<b>Endotoxin</b>	< 0.10 EU/µg of the protein by the LAL method.

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<b>Purity</b>	> 90%, by SDS-PAGE under reducing conditions and visualized by silver stain
<b>N-terminal Sequence Analysis</b>	Ala31
<b>Storage</b>	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.
<b>Storage Buffer</b>	Lyophilized from a 0.2 µm filtered solution in PBS with BSA as a carrier protein.
<b>Shipping</b>	The product is shipped at ambient temperature.
<b>Reconstitution</b>	Reconstitute at 100 µg/mL in sterile PBS containing at least 0.1% human or bovine serum albumin.
<b>References</b>	<ol style="list-style-type: none"> <li>1. Kawano, Y. and R. Kypta (2003) J. Cell Sci. 116:2627.</li> <li>2. Krupnik, V.E. et al. (1999) Gene 238:301.</li> <li>3. Kohn, M.J. et al. (2005) Mol. Reprod. Dev. 71:516.</li> </ol>

## GENE INFORMATION

<b>Gene Name</b>	DKKL1 dickkopf-like 1 [ Homo sapiens (human) ]
<b>Official Symbol</b>	DKKL1
<b>Synonyms</b>	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;
<b>Gene ID</b>	27120

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mRNA Refseq [NM\\_001197301](#)

Protein Refseq [NP\\_001184230](#)

MIM [605418](#)

UniProt ID [Q9UK85](#)

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