

## DKK-1 Protein, Rat (HEK293, C-His)

Cat. No.:	HY-P73305A
Synonyms:	dickkopf WNT signaling pathway inhibitor 1; Dickkopf-1; dickkopf-related protein 1; Dkk1; Dkk-1; hDkk-1
Species:	Rat
Source:	HEK293
Accession:	NP_001099820.1 (T32-H270)
Gene ID:	293897
Molecular Weight:	Approximately 38.58 kDa

### PROPERTIES

AA Sequence	<p>T L N S V L I N S N    A I K N L P P P L G    G A G G Q P G S A V    S V A P G V L Y E G</p> <p>G N K Y Q T L D N Y    Q P Y P C A E D E E    C G T D E Y C S S P    S R G A A G V G G V</p> <p>Q I C L A C R K R R    K R C M R H A M C C    P G N Y C K N G I C    M P S D H S H L P R</p> <p>G E I E E G I I E N    L G N D H G A G D G    Y P R R T T L T S K    I Y H T K G Q E G S</p> <p>V C L R S S D C A T    G L C C A R H F W S    K I C K P V L K E G    Q V C T K H R R K G</p> <p>S H G L E I F Q R C    Y C G E G L A C R I    Q K D H H Q T S N S    S R L H T C Q R H</p>
Biological Activity	Measured by its ability to inhibit Wnt3a-induced alkaline phosphatase production by C3H10T1/2 cells. The ED <sub>50</sub> for this effect is approximately 0.1097 µg/ml in the presence of 10 ng/mL of mouse Wnt3a, corresponding to a specific activity is 9115.7703 units/mg.
Appearance	Lyophilized powder.
Formulation	Lyophilized from a 0.2 µm filtered solution of 20 mM PB, 150 mM NaCl, pH 7.4.
Endotoxin Level	<1 EU/µg, determined by LAL method.
Reconstitution	It is not recommended to reconstitute to a concentration less than 100 µg/mL in ddH <sub>2</sub> O. For long term storage it is recommended to add a carrier protein (0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose).
Storage & Stability	Stored at -20°C for 2 years. After reconstitution, it is stable at 4°C for 1 week or -20°C for longer. It is recommended to freeze aliquots at -20°C or -80°C for extended storage.
Shipping	Room temperature in continental US; may vary elsewhere.

**Caution: Product has not been fully validated for medical applications. For research use only.**

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