

Recombinant Mouse Dkk3 Protein, Myc/DDK-tagged

Cat. No. Dkk3-2572M Lot. No. (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length dickkopf WNT signaling pathway inhibitor 3 (Dkk3), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Antagonizes canonical Wnt signaling by inhibiting LRP5/6 interaction with Wnt and by forming a ternary complex with the transmembrane protein KREMEN that promotes internalization of LRP5/6. DKKs play an important role in vertebrate development, where they locally inhibit Wnt regulated processes such as antero-posterior axial patterning, limb development, somitogenesis and eye formation. In the adult, Dkks are implicated in bone formation and bone disease, cancer and Alzheimer disease.
Molecular Mass	38.4 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.
Concentration	>50 µg/mL as determined by microplate BCA method

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Storage Buffer 25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

GENE INFORMATION

Gene Name	Dkk3 dickkopf WNT signaling pathway inhibitor 3 [Mus musculus (house mouse)]
Official Symbol	Dkk3
Synonyms	DKK3; dickkopf homolog 3 (Xenopus laevis); dickkopf-related protein 3; dkk-3; mDkk-3; dickkopf-3; C87148; AW061014
Gene ID	50781
mRNA Refseq	NM_015814
Protein Refseq	NP_056629
UniProt ID	Q9QUN9

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