

Active Recombinant Mouse Dkk1

Cat. No. Dkk1-985M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Dkk1 (Accession # O54908) Ser30-His272, fused with , was produced in Chinese Hamster Ovary cell line, CHO-derived.
Species	Mouse
Source	CHO
ProteinLength	Ser30-His272
Predicted N Terminal	Ser30 & Thr32
Form	Lyophilized from a 0.2 µm filtered solution in PBS with BSA as a carrier protein.
Bio-activity	Measured by its ability to inhibit Wnt-3a-induced alkaline phosphatase production by MC3T3-E1 mouse preosteoblast cells. The ND50 for this effect is typically 0.02-0.1 µg/mL in the presence of 10 ng/mL of Recombinant Mouse Wnt-3a.
Molecular Mass	Recombinant Mouse Dkk1 has a calculated MW of 26.1 kDa. In SDS-PAGE migrates as 35-40 kDa, reducing conditions.
Purity	>95%, by SDS-PAGE with silver staining.
Storage	Avoid repeated freeze-thaw cycles. No activity loss was observed after storage at: In lyophilized state for 1 year (4°C); After reconstitution under sterile conditions for 3 months (-70°C).

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GENE INFORMATION

Gene Name	Dkk1 dickkopf homolog 1 (Xenopus laevis) [Mus musculus]
Official Symbol	Dkk1
Synonyms	DKK1; dickkopf homolog 1 (Xenopus laevis); dickkopf-related protein 1; dkk-1; dickkopf-1; mdkk-1;
Gene ID	13380
mRNA Refseq	NM_010051
Protein Refseq	NP_034181
MIM	

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