

Active Recombinant Mouse Wnt4

Cat. No. Wnt4-622M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Wnt4 (Accession # NP_033549) Ser23-Arg351, fused with , was produced in Chinese Hamster Ovary cell line, CHO-derived.
Species	Mouse
Source	CHO
ProteinLength	Ser23-Arg351
Predicted N Terminal	Ser23
Form	Lyophilized from a 0.2 μ filtered solution in PBS, NaCl, EDTA and CHAPS with BSA as a carrier protein.
Bio-activity	Measured by its ability to induce alkaline phosphatase production by MC3T3-E1 mouse preosteoblast cells. Nakamura, K. et al. (1999) Exp. Cell Res. 250:351. The ED50 for this effect is 15-60 ng/mL.
Molecular Mass	Recombinant Mouse Wnt4 has a calculated MW of 36.6 kDa. In SDS-PAGE migrates as 43 kDa, reducing conditions.
Purity	>60%, by SDS-PAGE under reducing conditions and visualized by silver stain.
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

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months (-70°C).

GENE INFORMATION

Gene Name	Wnt4 wingless-related MMTV integration site 4 [Mus musculus]
Official Symbol	Wnt4
Synonyms	WNT4; wingless-related MMTV integration site 4; protein Wnt-4; signal molecule; Wnt-4; MGC123964;
Gene ID	22417
mRNA Refseq	NM_009523
Protein Refseq	NP_033549
MIM	

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