

Active Recombinant Mouse Wnt10b

Cat. No. Wnt10b-664M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Wnt10b (Accession # NP_035848) Met1-Lys389, fused with , was produced in Chinese Hamster Ovary cell line, CHO-derived.
Species	Mouse
Source	CHO
ProteinLength	Met1-Lys389
Predicted N Terminal	Asn29
Form	Lyophilized from a 0.2 μ filtered solution in PBS, NaCl, EDTA and CHAPS with BSA as a carrier protein.
Bio-activity	Measured in a cell proliferation/survival assay using IEC-18 rat small intestinal epithelial cells.The ED50 for this effect is typically 0.3-1.2 μg/mL.
Molecular Mass	Recombinant Mouse Wnt10b has a calculated MW of 40.1 kDa. In SDS-PAGE migrates as 42 kDa, reducing conditions.
Purity	>85%, 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 months (-70°C).

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GENE INFORMATION

Gene Name	Wnt10b wingless related MMTV integration site 10b [Mus musculus]
Official Symbol	Wnt10b
Synonyms	WNT10B; wingless related MMTV integration site 10b; protein Wnt-10b; wnt-12; Wnt12;
Gene ID	22410
mRNA Refseq	NM_011718
Protein Refseq	NP_035848
MIM	

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