Active Recombinant Mouse Wnt2b

Cat. No. Wnt2b-239M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Wnt2b (Accession # AAC25397) Ser57-Thr389 was produced in Chinese Hamster Ovary cell line, CHO-derived.
Species	Mouse
Source	CHO
ProteinLength	57-389 a.a.
Predicted N Terminal	Ser57 & Asp71
Form	Lyophilized from a 0.2 μm filtered solution in PBS, EDTA and CHAPS with BSA as a carrier protein.
Bio-activity	Measured by its ability to inhibit cell proliferation/survival assay using C3H10T1/2 mouse embryonic fibroblast cells.The ED50 for this effect is typically 1-5 μg/ml.
Molecular Mass	Recombinant Mouse Wnt2b has a calculated MW of 38 kDa. In SDS-PAGE migrates as 41-60 kDa, reducing conditions.
Purity	>95%, by SDS-PAGE with silver staining, under reducing conditions.
Storage	Avoid repeated freeze-thaw cycles. No activity loss was observed after storage at: In lyophilized state for 1 year (4ºC); After reconstitution under sterile conditions for 3 months (-70ºC).

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Reconstitution	Reconstitute at 100 g/mL in PBS containing at least 0.1% human or bovine serum albumin.

GENE INFORMATION

Gene Name	Wnt2b wingless related MMTV integration site 2b [Mus musculus]
Official Symbol	Wnt2b
Synonyms	WNT2B; wingless related MMTV integration site 2b; protein Wnt-2b; wnt-13; Wnt13;
Gene ID	22414
mRNA Refseq	NM_009520
Protein Refseq	NP_033546
MIM	

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