Active Recombinant Mouse Wnt8a

Cat. No. Wnt8a-619M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Wnt8a (Accession # NP_033316) Ala20-Trp354, fused with , was produced in Chinese Hamster Ovary cell line, CHO-derived.
Species	Mouse
Source	CHO
ProteinLength	Ala20-Trp354
Predicted N Terminal	Ala20 & Trp23
Form	Lyophilized from a 0.2 μm 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 C3H10T1/2 mouse embryonic fibroblast cells.The ED50 for this effect is typically 0.5-2.5 μg/mL.
Molecular Mass	Recombinant Mouse Wnt8a has a calculated MW of 37 kDa. In SDS-PAGE migrates as 40-62 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 (4ºC); After reconstitution under sterile conditions for 3 months (-70ºC).

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GENE INFORMATION

Gene Name	Wnt8a wingless-related MMTV integration site 8A [Mus musculus]
Official Symbol	Wnt8a
Synonyms	WNT8A; wingless-related MMTV integration site 8A; protein Wnt-8a; wnt-8; protein Wnt-8d; wingless-related MMTV integration site 8D; stimulated by retinoic acid gene 11 protein; Wnt8d; Stra11; Wnt-8A; Wnt-8D;
Gene ID	20890
mRNA Refseq	NM_009290
Protein Refseq	NP_033316
MIM	

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