

Active Recombinant Mouse Wnt3a protein

Cat. No. Wnt3a-456M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Wnt3a(334 amino acid residues) was purified from Cell Culture.
Species	Mouse
Bio-activity	The ED50 was determined by its ability to induced alkaline phosphatase production by CCL-226 cells. The expected ED50 for this effect is 0.4-0.6 ng/ml.
Molecular Mass	Due to glycosylation, the murine Wnt-3a migrates at an apparent molecular weight of approximately 38.0-41.0 kDa by SDS-PAGE analysis under non-reducing conditions.
AA Sequence	SYPIWWSLA VGPQYSSLS TQPILCASI PGLVPKQLR FCRNYVEIM PSVAEGVKA GIQECQHGF RGRRWNCTT VSNLSAIFG PVLDKATRE SAFVHAIAS AGVAFVTR SCAEGSAAI CGCSSRLQG SPGEGWKWG GCSEDIEFG GMVSREFAD ARENRPDAR SAMNRHNNE AGRQAIAH MHLKCKCHG LSGSCEVKT CWWSQPDR TIGDFLKD YDSASEMVV EKHRESRGW VETLRPRYT YFKVPTERD LVYYEASPN FCEPNPETG SFGTRDRTC NVSSHGIDG CDLLCCGRG HNARTERRR EKCHCVFHW CCYVSCQEC TRVYDVHTC K
Purity	Above 75% as determined by SDS-PAGE Analysis.

GENE INFORMATION

Gene Name	Wnt3a wingless-related MMTV integration site 3A [<i>Mus musculus</i>]
Official Symbol	Wnt3a

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Synonyms	WNT3A; wingless-related MMTV integration site 3A; protein Wnt-3a; vestigial tail; vt; Wnt-3a;
Gene ID	22416
mRNA Refseq	NM_009522
Protein Refseq	NP_033548
MIM	
UniProt ID	P27467
Chromosome Location	11 B1.3; 11 37.17 cM
Pathway	Basal cell carcinoma, organism-specific biosystem; Basal cell carcinoma, conserved biosystem; Class B/2 (Secretin family receptors), organism-specific biosystem; ESC Pluripotency Pathways, organism-specific biosystem; GPCR ligand binding, organism-specific biosystem; HTLV-I infection, organism-specific biosystem; HTLV-I infection, conserved biosystem;
Function	frizzled binding; frizzled-2 binding; protein binding; protein domain specific binding; receptor agonist activity; receptor binding; transcription coactivator activity;

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