

Active Recombinant Mouse Dll4, His-tagged

Cat. No. Dll4-451M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Dll4 (Accession # BAB18580) Ser28-Pro525, fused with a C-terminal 10-His tag, was produced in Mouse myeloma cell line, NS0-derived.
Species	Mouse
Source	Mammalian Cells
ProteinLength	28-525 a.a.
Predicted N Terminal	Ser28
Form	Lyophilized from a 0.2 µm filtered solution in PBS with BSA as a carrier protein.
Bio-activity	Measured by the ability of the immobilized protein to enhance BMP-2 induced alkaline phosphatase activity in C3H10T1/2 mouse embryonic fibroblast cells. Nobta, M. et al. (2005) J. Biol. Chem. 280:15842. The ED50 for this effect is typically 150-600 ng/mL.
Molecular Mass	Recombinant Mouse Dll4, His-tagged has a calculated MW of 55.6 kDa. In SDS-PAGE migrates as 75-80 kDa, reducing conditions.
Purity	>90%, 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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Reconstitution Reconstitute at 200 µg/mL in sterile PBS.

GENE INFORMATION

Gene Name Dll4 delta-like 4 (Drosophila) [Mus musculus]

Official Symbol Dll4

Synonyms DLL4; delta-like 4 (Drosophila); delta-like protein 4; drosophila Delta homolog 4; Delta4;

Gene ID 54485

mRNA Refseq NM_019454

Protein Refseq NP_062327

MIM

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