Active Recombinant Mouse Dll1, His tagged

Cat. No. Dll1-4036M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Dll1 (NP_031891.2) extracellular domain (Met 1-Gln 516), fused with a polyhistidine tag at the C-terminus, was produced in Human Cell.
Species	Mouse
Source	HEK293
ProteinLength	Met 1-Gln 516
Form	Lyophilized from sterile 50 mM Tris, pH 8.0. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Bio-activity	1. Measured by its ability to bind human NOTCH1 in a functional ELISA. 2. Measured by the ability of the immobilized protein to enhance BMP2-induced alkaline phosphatase activity in C3H10T1/2 mouse embryonic fibroblast cells. The ED50 for this effect is typically 2-20 μg/mL.
Molecular Mass	The recombinant mouse DLL1 consists of 506 amino acids and has a predicted molecular mass of 55 kDa. In SDS-PAGE under reducing conditions, the apparent molecular mass of rm DLL1 is approximately 65 kDa due to glycosylation.
Endotoxin	< 1.0 EU per μg protein as determined by the LAL method.
Purity	> 95 % as determined by SDS-PAGE.

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Storage	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4℃ before opening to recover the entire contents.

GENE INFORMATION

Gene Name	Dll1 delta-like 1 (Drosophila) [Mus musculus]
Official Symbol	Dll1
Synonyms	DLL1; delta-like 1 (Drosophila); delta-like protein 1; delta like-1; drosophila Delta homolog 1; Delta1;
Gene ID	13388
mRNA Refseq	NM_007865
Protein Refseq	NP_031891

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