

Recombinant Rat Dll1 protein(Met1-Ser534), hFc-tagged

Cat. No. Dll1-548R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat DLL1 (EDL99825.1) (Met1-Ser534) was expressed in HEK293 with the Fc region of Human IgG1 at the C-terminus.
Species	Rat
Source	HEK293
ProteinLength	Met1-Ser534
Form	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Bio-activity	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 2-18 µg/mL in the presence of 500 ng/mL recombinant human BMP2.
Molecular Mass	The recombinant rat DLL1/Fc is a disulfide-linked homodimer. The reduced monomer comprises 752 amino acids and has a predicted molecular mass of 82.4 kDa. The apparent molecular mass of the protein is approximately 105.1, 57, 38.7 kDa in SDS-PAGE under reducing conditions due to glycosylation.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method
Purity	> 85 % 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°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name [DII1 delta-like 1 \(Drosophila\) \[Rattus norvegicus \]](#)

Official Symbol [DII1](#)

Synonyms DLL1; delta-like 1 (Drosophila); delta-like protein 1; delta1; drosophila Delta homolog 1;

Gene ID [84010](#)

mRNA Refseq [NM_032063](#)

Protein Refseq [NP_114452](#)

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