

Recombinant Human DLL4 protein, hFc-tagged

Cat. No. DLL4-686H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human DLL4 protein(Q9NR61)(Ser27-Pro524), fused with C-terminal hFc tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	Ser27-Pro524
Tag	C-hFc
Form	Lyophilized from 0.22µm filtered solution in PBS (pH 7.4). Normally 8% trehalose is added as protectant before lyophilization.
Bio-activity	Immobilized Human DLL4, hFc Tag at 1ug/ml (100ul/Well) on the plate. Dose response curve for Biotinylated Anti-DLL4 Antibody, hFc Tag with the EC50 of 23.5ng/ml determined by ELISA (QC Test).
Molecular Mass	The protein has a predicted MW of 81.1 kDa. Due to glycosylation, the protein migrates to 82-90 kDa based on Tris-Bis PAGE result.
Endotoxin	Less than 1EU per µg by the LAL method.
Purity	> 95% as determined by Tris-Bis PAGE;> 95% as determined by HPLC

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Storage	Reconstituted protein stable at -80°C for 12 months, 4°C for 1 week. Use a manual defrost freezer and avoid repeated freeze-thaw cycles.
Reconstitution	Centrifuge tubes before opening. Reconstituting to a concentration more than 100 µg/ml is recommended. Dissolve the lyophilized protein in distilled water.
GENE INFORMATION	
Gene Name	DLL4 delta-like 4 (Drosophila) [Homo sapiens]
Official Symbol	DLL4
Synonyms	DLL4; delta-like 4 (Drosophila); delta like 4 homolog (Drosophila); delta-like protein 4; delta4; delta 4; delta ligand 4; notch ligand DLL4; delta-like 4 homolog; delta-like 4 protein; notch ligand delta-2; drosophila Delta homolog 4; hdelta2; MGC126344;
Gene ID	54567
mRNA Refseq	NM_019074
Protein Refseq	NP_061947
MIM	605185
UniProt ID	Q9NR61