

Recombinant Human DLL4 protein, His-Avi-tagged, Biotinylated

Cat. No. DLL4-3322H **Lot. No.** (See product label)

SPECIFICATION

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| Product Overview | Biotinylated Recombinant Human DLL4 protein(Q9NR61)(Ser27-Pro524), fused with C-terminal His and Avi tag, was expressed in HEK293. |
| Species | Human |
| Source | HEK293 |
| ProteinLength | Ser27-Pro524 |
| Tag | C-His-Avi |
| Conjugation/Label | Biotin |
| Form | Lyophilized from 0.22µm filtered solution in PBS, 200mM L-arginine (pH 7.4). Normally 8% trehalose is added as protectant before lyophilization. |
| Bio-activity | Immobilized Biotinylated Human DLL4, His Tag at 2µg/ml (100µl/well) on the streptavidin precoated plate (5µg/ml). Dose response curve for Anti-DLL4 Antibody, hFc Tag with the EC50 of 4.1ng/ml determined by ELISA. |
| Molecular Mass | The protein has a predicted MW of 55.7 kDa. Due to glycosylation, the protein migrates to 62-68 kDa based on Tris-Bis PAGE result. |
| Endotoxin | Less than 1EU per µg by the LAL method. |

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|-----------------------|---|
| Purity | > 95% as determined by Tris-Bis PAGE; > 95% as determined by HPLC |
| 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. |
| Conjugation | Biotin |

GENE INFORMATION

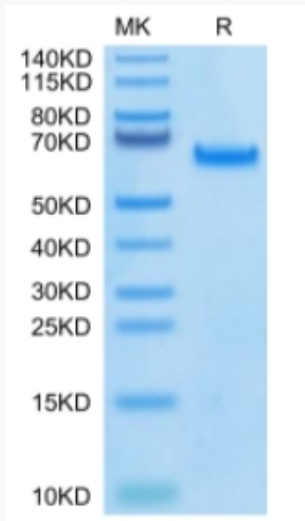
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|------------------------|---|
| Gene Name | DLL4 delta-like 4 (Drosophila) [Homo sapiens] |
| Official Symbol | DLL4 |
| Synonyms | DLL4; delta-like 4 (Drosophila); delta like 4 homolog (Drosophila); delta-like protein 4; delta4; delta 4; delta ligand 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 |

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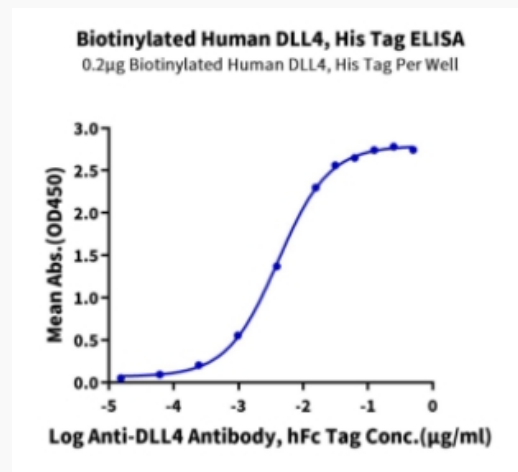
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Tris-Bis PAGE



ELISA Data



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