





Recombinant Human Delta-like protein 3 (DLL3), partial

Product Code	CSB-YP882142HU
Relevance	Inhibits primary neurogenesis. May be required to divert neurons along a specific differentiation pathway. Plays a role in the formation of somite boundaries during segmentation of the paraxial mesoderm.
Abbreviation	Recombinant Human DLL3 protein, partial
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
Uniprot No.	Q9NYJ7
Alias	Drosophila Delta homolog 3 ;Delta3
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	Greater than 90% as determined by SDS-PAGE.
Sequence	AGVFELQIHSFGPGPGPGAPRSPCSARLPCRLFFRVCLKPGLSEEAAESPCAL GAALSARGPVYTEQPGAPAPDLPLPDGLLQVPFRDAWPGTFSFIIETWREELG DQIGGPAWSLLARVAGRRRLAAGGPWARDIQRAGAWELRFSYRARCEPPAV GTACTRLCRPRSAPSRCGPGLRPCAPLEDECEAPLVCRAGCSPEHGFCEQP GECRCLEGWTGPLCTVPVSTSSCLSPRGPSSATTGCLVPGPGPCDGNPCAN GGSCSETPRSFECTCPRGFYGLRCEVSGVTCADGPCFNGGLCVGGADPDSA YICHCPPGFQGSNCEKRVDRCSLQPCRNGGLCLDLGHALRCRCRAGFAGPR CEHDLDDCAGRACANGGTCVEGGGAHRCSCALGFGGRDCRERADPCAARP CAHGGRCYAHFSGLVCACAPGYMGARCEFPVHPDGASALPAAPPGLRPGDP QRYL
Research Area	Developmental Biology
Source	Yeast
Target Names	DLL3
Protein Names	Recommended name: Delta-like protein 3 Alternative name(s): Drosophila Delta homolog 3 Short name= Delta3
Expression Region	27-492aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	N-terminal 6xHis-tagged
Mol. Weight	50.5kDa
Protein Length	Extracellular Domain

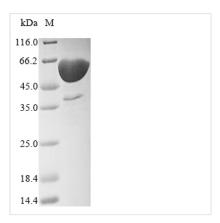
CUSABIO TECHNOLOGY LLC



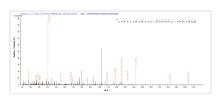




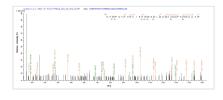
Image



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.



Based on the SEQUEST from database of Yeast host and target protein, the LC-MS/MS Analysis result of CSB-YP882142HU could indicate that this peptide derived from Yeast-expressed Homo sapiens (Human) DLL3.



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Description

Unlock the potential of developmental biology research with our Recombinant Human DLL3 protein. Delta-like protein 3 (DLL3) is an essential component in the Notch signaling pathway, which plays a crucial role in regulating cellular differentiation, proliferation, and apoptosis. This protein is instrumental in studying stem cell differentiation, tissue patterning, and organogenesis.

Sourced from yeast, the Recombinant Human DLL3 protein covers the 27-492aa expression region, corresponding to the extracellular domain of the native protein. The N-terminal 6xHis tag allows for easy purification and detection, ensuring reliable and efficient use in your experiments. With a purity of greater than 90% as determined by SDS-PAGE, this protein guarantees consistent performance for your research needs. Available in both liquid and lyophilized powder forms, this versatile protein is suitable for a wide range of applications and experimental designs.

Reconstitution

We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL.We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

Shelf Life

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