

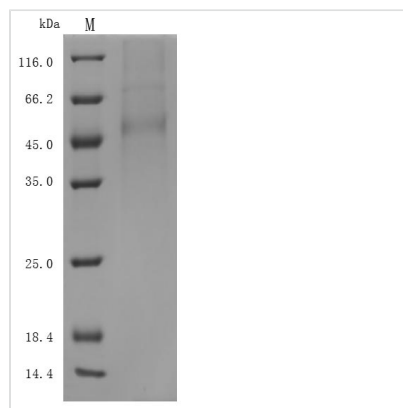


Recombinant Human Delta-like protein 3 (DLL3), partial (Active)

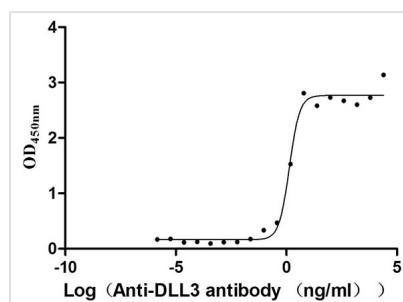
Product Code	CSB-MP882142HU
Abbreviation	Recombinant Human DLL3 protein, partial (Active)
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
Uniprot No.	Q9NYJ7
Form	Lyophilized powder
Storage Buffer	Lyophilized from a 0.2 µm filtered 20 mM Tris-HCl, 0.5 M NaCl, 6% Trehalose, pH 8.0
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Biological Activity	Measured by its binding ability in a functional ELISA. Immobilized DLL3 at 2 µg/mL can bind Anti-DLL3 Recombinant Antibody?CSB-RA882142A1HU?, the EC ₅₀ is 1.102-1.707 ng/mL.
Purity	Greater than 85% as determined by SDS-PAGE.
Sequence	AGVFELQIHSFGPGPGPGAPRSPCSARLPCRLLFFRVCLKPGLSEEAESPICAL GAALSARGPVYTEQPGAPAPDLPLPDGLLQVPFRDAWPGTFSFIETWREELG DQIGGPAWSLLARVAGRRRLAAGGPWARDIQRAGAWELRFSYRARCEPPAV GTACTRLCRPRSAPSRCGPGLRPCAPLEDECEAPLVCRAGCSPEHGFCEQP GECRCLEGWTGPLCTVPVSTSSCLSPRGPSSATTGCLVPGPGPCDGNPCAN GGSCSETPRSFECTCPRGFYGLRCEVSGVTCADGPCFNGGLCVGGADPDSA YICHCPPGFQGSNCEKRVDRCSLQPCRNGGLCLDLGHALRCRCRAGFAGPR CEHDLDDCAGRACANGGTCVEGGGAHRCSCALGFGGRDCRERADPCAARP CAHGGRCYAHFSGLVACAPGYMGARCEFPVHPDGASALPAAPPGLRPGDP QRYL
Research Area	Cell Biology
Source	Mammalian cell
Target Names	DLL3
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	C-terminal 6xHis-tagged
Mol. Weight	51.5 kDa
Protein Length	Partial



Image



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



Activity
Measured by its binding ability in a functional ELISA. Immobilized DLL3 at 2 µg/ml can bind Anti-DLL3 Recombinant Antibody?CSB-RA882142A1HU?, the EC₅₀ is 1.102-1.707 ng/mL.

Description

CUSABIO's product CSB-MP882142HU is an active protein expressed in mammalian cells. Its gene expression region encodes amino acids 27-492 of the human Delta-like protein 3 (DLL3). It is fused with 6xHis-tag at the C-terminus. According to SDS-PAGE, the purity of this protein is greater than 85%. It migrated to the molecular weight band of about 55 kDa. Its endotoxin is less than 1.0 EU/ug as measured by the LAL method. In the functional ELISA, it can bind to the anti-DLL3 antibody, and the EC₅₀ is 1.102-1.707 ng/mL. DLL3 is a ligand of Notch signaling, which mediates cell fate decisions and is tumor-inhibitory or oncogenic depending on the cellular context. It is highly upregulated and abnormally expressed on the cell surface in small cell lung cancer (SCLC).

Endotoxin

Less than 1.0 EU/ug as determined by LAL method.

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

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.