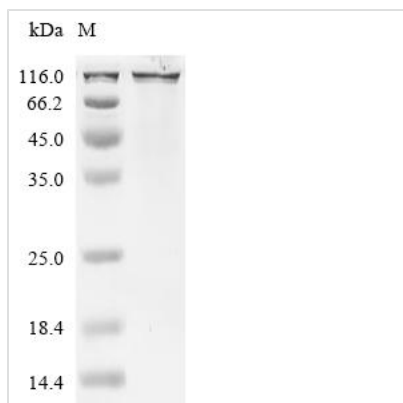


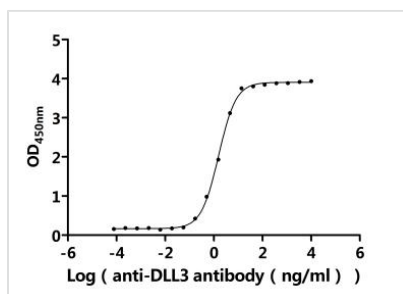


# Recombinant Mouse Delta-like protein 3 (DII3), partial (Active)

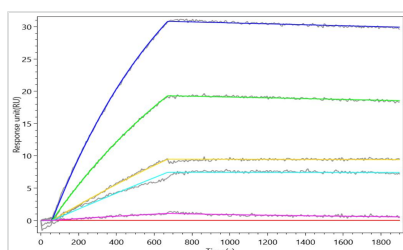
<b>Product Code</b>	CSB-MP006948MO1r13
<b>Abbreviation</b>	Recombinant Mouse DII3 protein, partial (Active)
<b>Storage</b>	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
<b>Uniprot No.</b>	O88516
<b>Form</b>	Lyophilized powder
<b>Storage Buffer</b>	Lyophilized from a 0.2 μm sterile filtered PBS, 6% Trehalose, pH 7.4
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Mus musculus (Mouse)
<b>Biological Activity</b>	<p>① Measured by its binding ability in a functional ELISA. Immobilized Mouse DII3 at 2 μg/mL can bind Anti-DLL3 recombinant antibody (CSB-RA882142A1HU). The EC50 is 1.491-1.655 ng/mL.</p> <p>② DLL3 Recombinant Monoclonal Antibody (CSB-RA882142A1HU) captured on Protein A Chip can bind Recombinant Mouse DII3 with an affinity constant of 1.02 nM as detected by MetaSPR Assay (WeSPRTM 200).</p>
<b>Purity</b>	<p>≥ 95% as determined by SDS-PAGE.</p> <p>≥ 90% as determined by SEC-HPLC.</p>
<b>Sequence</b>	<p>HSFGPGPGLGTPRSPCNARGPCRLFFRVCLKPGVSQEATESLCALGAALSTS  VPVYTEHPGESAAALPLPDGLVRVPPFRDAWPGTFSLVIETWREQLGEHAGGP  AWNLLARVVGRRRLAAGGPWARDVQRTGTWELHFSYRARCEPPAVGAACA  RLCRSRAPSRCGPGLRPCTPFPECEAPSVCRPGCSPEHGYCEEPDECRC  LEGWTGPLCTVPVSTSSCLNSRVPGPASTGCLLPGPGPCDGNPCANGGSCS  ETSGSFECACPRGFYGLRCEVSGVTCADGPCFNGGLCVGGEDPDSAYVCHC  PPGFQGSNCEKRVDRCQLQPCQNGGLCLDLGHALRCRCRAGFAGPRCEHDL  DDCAGRACANGGTCVEGGGSRRRCSCALGFGRDCRERADPCASRPCAHGG  RCYAHFSGLVACAPGYMGVRCFAVRPDGADAVPAAPRGLRQADPQRFL</p>
<b>Source</b>	Mammalian cell
<b>Target Names</b>	DII3
<b>Expression Region</b>	33-490aa
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	N-terminal HSA-tagged and C-terminal 10xHis-tagged
<b>Mol. Weight</b>	115.7 kDa


**Protein Length**
**Partial**
**Image**


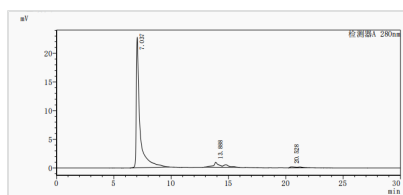
(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.



**Activity**  
Measured by its binding ability in a functional ELISA. Immobilized Mouse Dll3 at 2  $\mu$ g/ml can bind Anti-DLL3 recombinant antibody (CSB-RA882142A1HU). The  $EC_{50}$  is 1.491-1.655 ng/mL.



**Activity**  
DLL3 Recombinant Monoclonal Antibody (CSB-RA882142A1HU) captured on Protein A Chip can bind Recombinant Mouse Dll3 with an affinity constant of 1.02 nM as detected by MetaSPR Assay (WeSPRTM 200).



The purity of Dll3 was greater than 90% as determined by SEC-HPLC

**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.