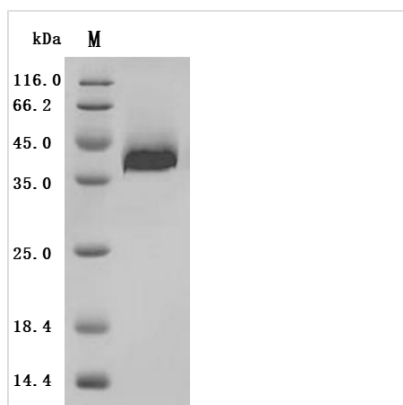


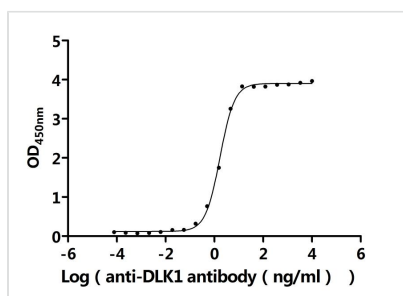


Recombinant Human Protein delta homolog 1 (DLK1), partial (Active)

Product Code	CSB-MP006945HUd7
Abbreviation	Recombinant Human DLK1 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.	P80370
Form	Lyophilized powder
Storage Buffer	Lyophilized from a 0.2 µm sterile filtered PBS, 6% Trehalose, pH 7.4
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Biological Activity	①Measured by its binding ability in a functional ELISA. Immobilized Human DLK1 at 2 µg/mL can bind Anti-DLK1 recombinant antibody (CSB-RA006945MA1HU). The EC50 is 1.598-1.804 ng/mL.②Measured by its binding ability in a functional ELISA. Immobilized Human DLK1 at 2 µg/mL can bind Anti-DLK1 recombinant antibody (CSB-RA006945MA2HU). The EC50 is 1.935-2.143 ng/mL.
Purity	≥ 95% as determined by SDS-PAGE. ≥ 95% as determined by SEC-HPLC.
Sequence	AECFPACNPQNGFCEDDNVCRCQPGWQGPLCDQCVTSPGCLHGLCGEPGQ CICTDGDWDELCDRDVRACSSAPCANNRTCVSLLDGLYECSCAPGYSGKDC QKKDGPCVINGSPCQHGGTCVDDEGRASHASCLCPPGFSGNFCEIVANSCTP NPCENDGVCTDIGGDFRCRCPAGFIDKTCSPVTNCASSPCQNGGTCLQHTQ VSYECLCKPEFTGLTCVKKRALSPQQVTRLPSGYGLAYRLTPGVHELPVQQPE HRILKVSMKELNKKTPLLEGGQ
Source	Mammalian cell
Target Names	DLK1
Expression Region	24-303aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	C-terminal 10xHis-tagged
Mol. Weight	31.2 kDa
Protein Length	Partial
Image	

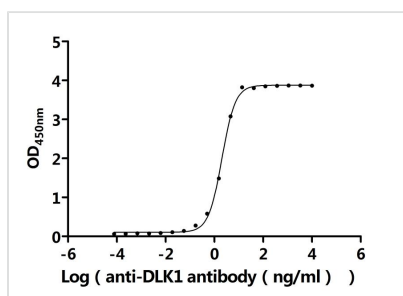


(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.



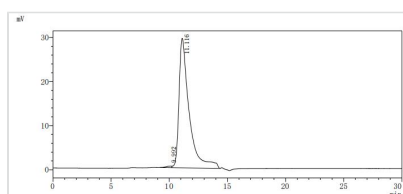
Activity

Measured by its binding ability in a functional ELISA. Immobilized Human DLK1 at 2 µg/ml can bind Anti-DLK1 recombinant antibody (CSB-RA006945MA1HU). The EC₅₀ is 1.598-1.804 ng/mL.



Activity

Measured by its binding ability in a functional ELISA. Immobilized Human DLK1 at 2 µg/ml can bind Anti-DLK1 recombinant antibody (CSB-RA006945MA2HU). The EC₅₀ is 1.935-2.143 ng/mL.



The purity of DLK1 was greater than 95% 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.