



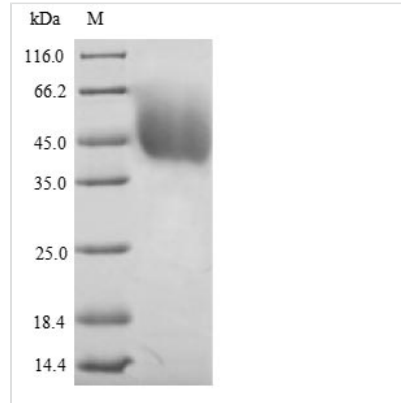
Recombinant Mouse Dihydrolipoyllysine-residue acetyltransferase component of pyruvate dehydrogenase complex, mitochondrial (Dlat)

Product Code	CSB-YP804374MO
Relevance	The pyruvate dehydrogenase complex catalyzes the overall conversion of pyruvate to acetyl-CoA and CO ₂ , and thereby links the glycolytic pathway to the tricarboxylic cycle.
Abbreviation	Recombinant Mouse Dlat protein
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.	Q8BMF4
Alias	Dihydrolipoamide acetyltransferase component of pyruvate dehydrogenase complex Pyruvate dehydrogenase complex component E2
Product Type	Recombinant Protein
Immunogen Species	Mus musculus (Mouse)
Purity	≥ 90% as determined by SDS-PAGE.
Sequence	SLPPHQKVPLPSLSPTMQAGTIARWEKKEGEKISEGDLIAEVETDKATVGFESL EECYMAKILVPEGTRDVPVGSIIICITVEKPDIEAFKNYTLDLAAAAAPQAAPAA APAPAAAPAAPSASAPGSSYPHMQIVLPALSPTMTMGTVQRWEKKVGEKLS EGDLLAEIETDKATIGFEVQEEGYLAKILVPEGTRDVPPLGAPLCIIVEKQEDIAAF ADYRPTEVTSCLKPQAAPPAPPVAAVPPTPQPVAPTPSAAPAGPKGRVFSPL AKKLAAEKGIDLTQVKGTGPEGRIIKKIDISFVPSKAAPAAAAAMAPPGRVAP APAGVFTDIPISNIRRVIAQRLMQSKQTIPHYLSVDVNMGEVLLVRKELNKMLE GKGKISVNDFIIKASALACLKVPANSSWMDTVIRQNHVVDVSVAVSTPAGLITP IVFNAHIKGLETIASDVVSLASKAREGKLPHEFQGGTFTISNLGMFGIKNFSAIL NPPQACILAIGASEDKLIPADNEKGFVDASVMSVTLSCDHRVVDGAVGAQWLA EFKKYLEKPITMLL
Research Area	Signal Transduction
Source	Yeast
Target Names	Dlat
Protein Names	Recommended name: Dihydrolipoyllysine-residue acetyltransferase component of pyruvate dehydrogenase complex, mitochondrial EC= 2.3.1.12 Alternative name(s): Dihydrolipoamide acetyltransferase component of pyruvate dehydrogenase complex
Expression Region	86-642aa
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	60.8kDa
Protein Length	Full Length of Mature Protein

Image

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

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.