

Dihydrolipoyllysine-residue acetyltransferase component of pyruvate dehydrogenase complex, mitochondrial (DLAT) Recombinant Protein | DLAT recombinant protein

Recombinant Human Dihydrolipoyllysine-residue acetyltransferase component of pyruvate dehydrogenase complex, mitochondrial (DLAT), partial

CATALOG # AAA113821	HOST E Coli or Yeast or Baculovirus or Mammalian Cell
-------------------------------	---

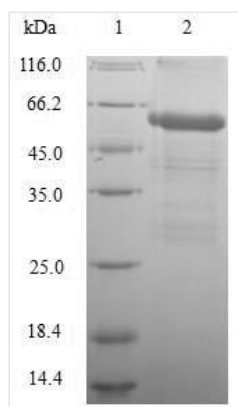
PRODUCT SYNONYMS

Dihydrolipoyllysine-residue acetyltransferase component of pyruvate dehydrogenase complex; mitochondrial (DLAT); Recombinant Human Dihydrolipoyllysine-residue acetyltransferase component of pyruvate dehydrogenase complex; partial; mitochondrial; EC=2.3.1.12; 70 kDa mitochondrial autoantigen of primary biliary cirrhosis; PBC; Dihydrolipoamide acetyltransferase component of pyruvate dehydrogenase; DLAT recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE.
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Sequence Positions	93-640. Partial
Sequence	KVPLPSLSPT MQAGTIARWE KKEGDKINEG DLIAEVETDK ATVGFESELEE CYMAKILVAE GTRDVPIGAI ICITVGKPED IEAFKNYTLDD SSAAPTPQAA PAPTAAATAS PPTPSAQAPG SSYPHMQVL LPALSPTMTM GTVQRWEKKV GEKLSEGDLL AEIETDKATI GFEVQEEGYL AKILVPEGTR DVPLGTPLCI IVEKEADISA FADYRPTEVT DLKPQVPPPT PPPVAAVPPT PQPLAPTPSA PCPATPAGPK GRVFSPLAK KLAVEKGIDL TQVKGTPDG RITKKDIDSF VPSKVAPAPA AVVPPTGPGM APVPTGVFTD IPISNIRRV I AQRLMQSKQT IPHYYSIDV NMGEVLLVRK ELNKILEGRS KISVNDFIK ASALACKVP EANSWMDTV IRQNHVVDVS VAVSTPAGLI TPIVFNAHIK GVETIANDVV SLATKAREGK LQPHEFQGGT FTISNLGMFG IKNFSAIINP PQACILAIGA SEDKLVPADN EKGFDVASMM SVTLSCDHRV VDGAVGAQWL AEFKYLE
Species	Homo sapiens (Human)
Preparation and Storage	Store at -20 degrees C. For long-term storage, store at -20 degrees C or -80 degrees C. Store working aliquots at 4 degrees C for up to one week. Repeated freezing and thawing is not recommended.

IMAGES



SDS-PAGE

ADDITIONAL INFORMATION

Related Product Information for DLAT recombinant protein	The pyruvate dehydrogenase complex catalyzes the overall conversion of pyruvate to acetyl-CoA and CO2, and thereby links the glycolytic pathway to the tricarboxylic cycle.
Product Categories/Family for DLAT recombinant protein	Metabolism

NCBI AND UNIPROT INFORMATION

NCBI GI #	31711992
NCBI GeneID	1737
NCBI Accession #	NP_001922.2
NCBI GenBank Nucleotide #	NM_001931.4
UniProt Accession #	P10515; Q16783; Q53EP3
Molecular Weight	62.2 kDa
NCBI Official Full Name	dihydrolipoalysine-residue acetyltransferase component of pyruvate dehydrogenase complex, mitochondrial
NCBI Official Synonym Full Names	dihydrolipoamide S-acetyltransferase
NCBI Official Symbol	DLAT
NCBI Official Synonym Symbols	DLTA; PDCE2; PDC-E2
NCBI Protein Information	dihydrolipoalysine-residue acetyltransferase component of pyruvate dehydrogenase complex, mitochondrial; PBC; M2 antigen complex 70 kDa subunit; pyruvate dehydrogenase complex component E2; E2 component of pyruvate dehydrogenase complex; 70 kDa mitochondrial autoantigen of primary biliary cirrhosis; dihydrolipoamide acetyltransferase component of pyruvate dehydrogenase complex; dihydrolipoalysine-residue acetyltransferase component of pyruvate dehydrogenase complex mitochondrial
UniProt Protein Name	Dihydrolipoalysine-residue acetyltransferase component of pyruvate dehydrogenase complex, mitochondrial
UniProt Gene Name	DLAT
UniProt Synonym Gene Names	DLTA; PBC; PDC-E2; PDCE2
UniProt Entry Name	ODP2_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.