

Dihydrolipoyl Transacetylase (DLAT) Recombinant Protein | DLAT recombinant protein

Recombinant Dihydrolipoyl Transacetylase (DLAT)

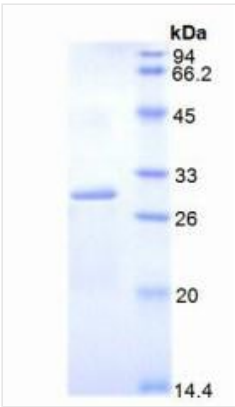
CATALOG # AAA134284	HOST E.coli	REACTIVITY Mus musculus (Mouse)	APPLICATIONS Western Blot, SDS-Page
-------------------------------	-----------------------	---	---

PRODUCT SYNONYMS

Dihydrolipoyl Transacetylase (DLAT); Recombinant Dihydrolipoyl Transacetylase (DLAT); DLAT recombinant protein

PRODUCT SPECIFICATIONS

Host	E.coli
Reactivity	Mus musculus (Mouse)
Purity/Purification	> 97%
Form/Format	20mM Tris, 150mM NaCl, pH8.0, containing 0.01% skl, 5%Trehalose.
Concentration	Original Concentration: 200ug/mL (varies by lot)
Sequence	TQVKGTGPEG RIIKKDIDSF VPSKAAPAAA AAMAPPGPRV APAPAGVFTD IPISNIRRV I AQRLMQSKQT IPHYLSVDV NMGEVLLVRK ELNKMLEGKG KISVNDFIK ASALACKVP EANSSWMDTV IRQNHVVDVS VAVSTPAGLI TPIVFNAHIK GLETIASDVV SLASKAREGK LQPHEFQGGT FTISNLGMFG IKNFSAIINP PQACILAIGA SEDKLIPADN EKGFDVASVM SVTLSCDHRV VDGAVGAQW
Applicable Applications for DLAT recombinant protein	WB (Western Blot), SDS-PAGE, Immunogen, Positive Control
Source	Prokaryotic expression
Residues	Thr368~Trp626
Tags	N-terminal His Tag
Subcellular Location	Mitochondrion
Traits	Freeze-dried powder
Predicted isoelectric point	8.4
Usage	Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0 mg/mL. Do not vortex.
Preparation and Storage	Storage: Avoid repeated freeze/thaw cycles. Store at 2-8 degree C for one month. Aliquot and store at -80 degree C for 12 months. Stability Test: The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 degree C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.



SDS-PAGE

NCBI AND UNIPROT INFORMATION

NCBI GI #	257796245
NCBI GeneID	235339
NCBI Accession #	NP_663589.3
NCBI GenBank Nucleotide #	NM_145614.4
UniProt Accession #	Q8BMF4; Q8K2G8; Q8R339; Q91ZB1
Molecular Weight	Predicted Molecular Mass: 29.0kDa Accurate Molecular Mass: 29kDa as determined by SDS-PAGE reducing conditions.
NCBI Official Full Name	dihydrolipoyllysine-residue acetyltransferase component of pyruvate dehydrogenase complex, mitochondrial
NCBI Official Synonym Full Names	dihydrolipoamide S-acetyltransferase (E2 component of pyruvate dehydrogenase complex)
NCBI Official Symbol	Dlat
NCBI Official Synonym Symbols	DLTA; PDC-E2; 6332404G05Rik
NCBI Protein Information	dihydrolipoyllysine-residue acetyltransferase component of pyruvate dehydrogenase complex, mitochondrial; PDCE2; pyruvate dehydrogenase complex component E2; dihydrolipoamide acetyltransferase component of pyruvate dehydrogenase complex
UniProt Protein Name	Dihydrolipoyllysine-residue acetyltransferase component of pyruvate dehydrogenase complex, mitochondrial
UniProt Gene Name	Dlat
UniProt Synonym Gene Names	PDC-E2; PDCE2
UniProt Entry Name	ODP2_MOUSE

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://www.aaabiotech.com/dlat-recombinant-protein-e-coli-wb-western-blot-sds-page-immunogen-positive-control/134284>