

Dihydrolipoyl Transacetylase (DLAT) Recombinant Protein | DLAT recombinant protein

Recombinant Dihydrolipoyl Transacetylase (DLAT)

CATALOG # AAA134711	HOST E Coli	APPLICATIONS Immunoprecipitation, ELISA, Western Blot, SDS-Page
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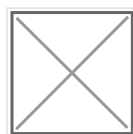
PRODUCT SYNONYMS

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

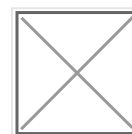
PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	> 95%
Form/Format	Supplied as lyophilized form in PBS,pH7.4, containing 5% sucrose, 0.01% sarcosyl.
Sequence	Thetargetp roteinisfu sedwithN-t erminalHis -Tag,itsse quenceisli stedbelow. MGHHHH HHS GS-QVKG TGP DGRITKK DIDSFVPSKV APAPAAVVPP TGPGMAPVPT GVFTDIPISN IRRVIAQR LM QSKQTIPHY L SIDVNMGEV LLVRKELNKI LEGRSKISVN DFIKASALA CLKVPEANSS WMDTVIRQNH VVDVSVAVST PAGLITPIVF NAHIKGVETI ANDVVSLATK AREGKLQPHE FQGGTFTISN LGMFGIKNFS AIINPPQACI LAIGASEDKL VPADNEKGF D VASMMSVTLS CDHRVVDGAV GAQW
Sequence Length	647
Applicable Applications for DLAT recombinant protein	IP (Immunoprecipitation), ELISA, WB (Western Blot), SDS-PAGE
Organism	Homo sapiens (Human)
Expression System	Prokaryotic expression
Residues	Gln374~Trp631 (Accession # P10515) with N-terminal His-Tag
Endotoxin Level	<1.0EU per 1ug (determined by the LAL method)
Reconstitution	Reconstitute in sterile PBS, pH7.2-pH7.4.
Preparation and 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 of the targetprotein. 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 andprecipitation were observed. (Referring from China Biological Products Standard,which was calculated by the Arrhenius equation.) The loss of this protein is less than 5% within the expiration date under appropriate storage condition.

IMAGES



SDS-PAGE



Sequence

NCBI AND UNIPROT INFORMATION

NCBI GI #	31711992
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NCBI GeneID	1737
NCBI Accession #	NP_001922.2
NCBI GenBank Nucleotide #	NM_001931.4
UniProt Accession #	P10515; Q16783; Q53EP3
Molecular Weight	28.7kDa
NCBI Official Full Name	dihydrolipoyllysine-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	dihydrolipoyllysine-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; dihydrolipoyllysine-residue acetyltransferase component of pyruvate dehydrogenase complex mitochondrial
UniProt Protein Name	Dihydrolipoyllysine-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.

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Online datasheet: <https://stage.aaabiotech.com/dlat-recombinant-protein-e-coli-ip-immunoprecipitation-elisa-wb-western-blot-sds-page/134711>