

Pyruvate Dehydrogenase Alpha 2 (PDHa2) Recombinant Protein | PDHa2 recombinant protein

Recombinant Pyruvate Dehydrogenase Alpha 2 (PDHa2)

CATALOG # AAA151071	HOST E Coli	APPLICATIONS Western Blot, SDS-Page
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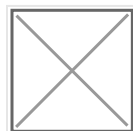
PRODUCT SYNONYMS

Pyruvate Dehydrogenase Alpha 2 (PDHa2); Recombinant Pyruvate Dehydrogenase Alpha 2 (PDHa2); PDHa2/Pyruvate Dehydrogenase Alpha 2; PDHAL; Lipoamide; Pyruvate dehydrogenase E1 component subunit alpha; testis-specific form; mitochondrial; PDHa2 recombinant protein

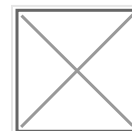
PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	Greater than 80% by SDS-PAGE
Form/Format	Freeze-dried powder 20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% SKL, 5% Trehalose and Proclin300.
Sequence	Ser28~Ser3 88
Applicable Applications for PDHa2 recombinant protein	WB (Western Blot), SDS-PAGE, Immunogen, Positive Control
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Tag	N-terminal His Tag
Expression System	Prokaryotic expression
Organism Species	Human
Isoelectric Point	7.6
Subcellular Location	Mitochondrion
Reconstitution	Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0mg/mL. Do not vortex.
Preparation and Storage	Store at 2-8 degree C for one month, -80 degree C for 12 months Stable for 12 months if correctly stored. 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.

IMAGES



SDS-PAGE
SDS-PAGE



Sequence
Gene Sequencing (extract)

ADDITIONAL INFORMATION

Product Categories/Family for PDHa2 recombinant protein	Enzyme & Kinase; Prokaryotic recombinant
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NCBI AND UNIPROT INFORMATION

Molecular Weight	Predicted Molecular Mass: 43.6kDa Accurate Molecular Mass: 44kDa
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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://stage.aaabiotech.com/pyruvate-dehydrogenase-alpha-2-pdha2-recombinant-protein-e-coli-wb-western-blot-sds-page-immunogen-positive-control/151071>