

Recombinant Pyruvate Dehydrogenase Beta (PDHb) Instruction Manual

SIPB908Hu01

Homo sapiens (Human)

Source	Prokaryotic expression
Host	E.coli
Endotoxin Level	<1.0EU per 1µg (determined by the LAL method)
Subcellular Location	Mitochondrion
Predicted Molecular Mass	35.1kDa
Accurate Molecular Mass	35kDa(Analysis of differences refer to the manual)
Residues & Tags	Leu31~Asn341 with N-terminal His Tag
Buffer Formulation	PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.
Traits	Freeze-dried powder
Purity	> 95%
Isoelectric Point	5.6
Applications	Positive Control; Immunogen; SDS-PAGE; WB.

SEQUENCE

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                                LQVTVRDAIN QGMDEELERD
EKVLLGEEV AQYDGAYKVS RGLWKKYGDK RIIDTPISEM GFAGIAVGAA
MAGLRPICEF MTFNFSMQAI DQVINSAAKT YYMSGGLQPV PIVFRGPNGA
SAGVAAQHSQ CFAAWYGHCP GLKVVSPWNS EDAKGLIKSA IRDNNPVVVL
ENELMYGVPF EFPPEAQSKD FLIPIGKAKI ERQGTHITVV SHSRPVGHCL
EAAAVLSKEG VECEVINMRT IRPMDMETIE ASVMKTNHLV TVEGGWPQFG
VGAEICARIM EGPAFNFLDA PAVRVTGADV PMPYAKILED N
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USAGE

Reconstitute in 10mM PBS (pH7.4) to a concentration of 0.1-1.0 mg/mL. Do not vortex.

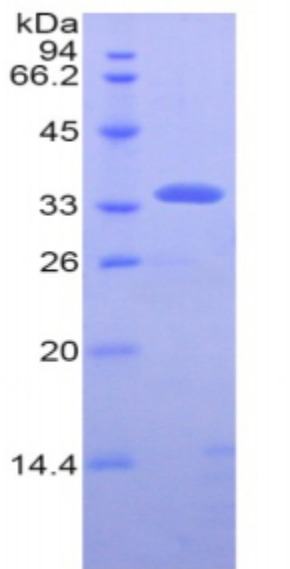
STORAGE

Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.

STABILITY

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°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.

Image



15% SDS-PAGE

SDS-PAGE Image

[IMPORTANT NOTE]

The kit is designed for research use only, we will not be responsible for any issue if the kit was used in clinical diagnostic or any other procedures.