Recombinant human PDK4 protein

Catalog No.：OM770700

Sequence Information

Species：Human

Gene ID:5166

Swiss Prot:Q16654

Synonyms:[Pyruvate dehydrogenase (acetyl-transferring)] kinase isozyme 4, mitochondrial; Pyruvate Dehydrogenase Kinase Isozyme 4

Residues: Asp73-Thr316

DILPTQLVNTSSVQLVKSWYIQSLMDLVEFHEKSPDDQKALSDF
VDTLIKVRNRHHNVVPTMAQGIIEYKDACTVDPVTNQNLQYFLD
RFYMNRISTRMLMNQHILIFSDSQTGNPSHIGSIDPNCDVVAVV
QDAFECSRMLCDQYYLSSPELKLTQVNGKFPDQPIHIVYVPSHL
HHMLFELFKNAMRATVEHQENQPSLTPIEVIVVLGKEDLTIKIS
DRGGGVPLRIIDRLFSYTYSTAPT

Product Information

Source: Recombinant expression.
Host: *E.coli*
Tags: N-terminal His Tag
Subcellular Location: Mitochondrion matrix.
Purity: >90%
Traits: Freeze-dried powder
Buffer formulation: PBS, pH7.4, containing 0.1% SKL, 5% Trehalose.
Original Concentration: 200μg/mL
Applications: Positive Control; Immunogen; SDS-PAGE; WB.
(May be suitable for use in other assays to be determined by the end user.)
Predicted isoelectric point: 6.0
Predicted Molecular Mass: 31.2kDa
Accurate Molecular Mass: 32kDa as determined by SDS-PAGE reducing conditions.

[USAGE]

Reconstitute in ddH_2O to a concentration of 0.1-0.5 mg/mL. Do not vortex.

[STORAGE AND STABILITY]

Storage: Avoid repeated freeze/thaw cycles.

Store at 2-8°C for one month.

Aliquot and store at -80°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°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.

[IDENTIFICATION]

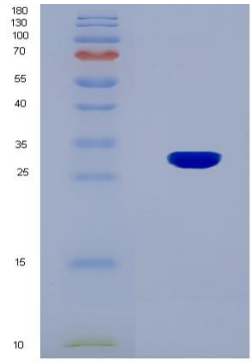


Figure 1. SDS-PAGE

[IMPORTANT NOTE]

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