

RPH672Hu01 100ug
Recombinant Malate Dehydrogenase 2 (MDH2)
Organism Species: *Homo sapiens (Human)*
Instruction manual

FOR RESEARCH USE ONLY
NOT FOR USE IN CLINICAL DIAGNOSTIC PROCEDURES

13th Edition (Revised in Aug, 2023)

[PROPERTIES]

Source: Prokaryotic expression

Host: *E.coli*

Residues: Ala25~Lys338

Tags: N-terminal His Tag

Subcellular Location: Mitochondrion

Purity: > 95%

Traits: Freeze-dried powder

Buffer formulation: PBS, pH7.4, containing 0.01% 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: 8.5

Predicted Molecular Mass: 36.7kDa

Accurate Molecular Mass: 37kDa as determined by SDS-PAGE reducing conditions.

[USAGE]

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

[STORAGE AND STABILITY]

Storage: Avoid repeated freeze/thaw cycles.

Store at 2-8°C for one month.

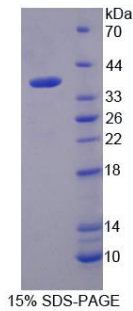
Aliquot and store at -80°C for 12 months.

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.

[SEQUENCE]

AKVAVL GASGGIGQPL SLLKNSPLV
SRLTLYDIAH TPGVAADLSH IETKAAVKGY LGPEQLPDCL KGCDVWVIPA
GVPRKPGMTR DDLFNTNATI VATLTAACAQ HCPEAMICVI ANPVNSTIPI
TAEVFKKHGV YNPNKIFGVT TLDIVRANTF VAELKGLDPA RVNVPVIGGH
AGKTIIP LIS QCTPKVDFPQ DQLTALTGRI QEAGTEVVKA KAGAGSATLS
MAYAGARFVF SLVDAMNGKE GVVECSFVKS QETECTYFST PLLLGKKGIE
KNLGIGKVSS FEEKMISDAI PELKASIKKG EDFVKTLLK

[IDENTIFICATION]



[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.