

RPH838Hu01 200µg

Recombinant Isocitrate Dehydrogenase 2, mitochondrial (IDH2)

Organism Species: Homo sapiens (Human)

Instruction manual

FOR RESEARCH USE ONLY NOT FOR USE IN CLINICAL DIAGNOSTIC PROCEDURES

12th Edition (Revised in Aug, 2016)



[PROPERTIES]

Source: Prokaryotic expression

Host: E.coli

Residues: Ala40~Gln452

Tags: N-terminal His Tag

Subcellular Location: Mitochondrion

Purity: > 95%

Traits: Freeze-dried powder

Buffer formulation: 20mM Tris, 150mM NaCl, pH8.0, containing 0.01% SKL, 5% Trehalose.

Original Concentration: 500µg/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: 8.3

Predicted Molecular Mass: 50.3kDa

Accurate Molecular Mass: 50kDa as determined by SDS-PAGE reducing conditions.

[USAGE]

Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) 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]

			Α	DKRIKVAKPV
VEMDGDEMTR	IIWQFIKEKL	ILPHVDIQLK	YFDLGLPNRD	QTDDQVTIDS
ALATQKYSVA	VKCATITPDE	ARVEEFKLKK	MWKSPNGTIR	NILGGTVFRE
PIICKNIPRL	VPGWTKPITI	GRHAHGDQYK	ATDFVADRAG	TFKMVFTPKD
GSGVKEWEVY	NFPAGGVGMG	MYNTDESISG	FAHSCFQYAI	QKKWPLYMST
KNTILKAYDG	RFKDIFQEIF	DKHYKTDFDK	NKIWYEHRLI	DDMVAQVLKS
SGGFVWACKN	YDGDVQSDIL	AQGFGSLGLM	TSVLVCPDGK	TIEAEAAHGT
VTRHYREHQK	GRPTSTNPIA	SIFAWTRGLE	HRGKLDGNQD	LIRFAQMLEK
VCVETVESGA	MTKDLAGCIH	GLSNVKLNEH	FLNTTDFLDT	IKSNLDRALG
RQ				

[IDENTIFICATION]

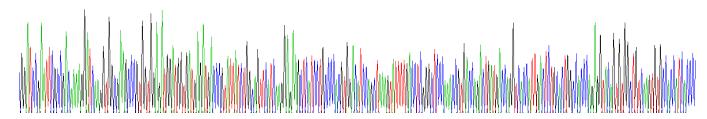
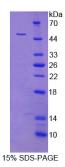


Figure . Gene Sequencing (extract)



[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.