

RPC711Hu01 100µg
Recombinant Pantothenate Kinase 1 (PANK1)
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: Pro234~Lys593

Tags: N-terminal His and GST Tag

Subcellular Location: Cytoplasm

Purity: > 80%

Traits: Freeze-dried powder

Buffer formulation: 20mM Tris, 150mM NaCl, pH8.0, 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: 5.7

Predicted Molecular Mass: 70.1kDa

Accurate Molecular Mass: 70kDa 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]

PPFPWFG MDIGGTLVKL
 VYFEPKDITA EEEQEEVENL KSIRKYLTSN TAYGKTGIRD VHLELKNLTM
 CGRKGNLHFI RFPSCAMHRF IQMGSEKNFS SLHTTLCATG GGAFKFEEDF
 RMIADLQLHK LDELDCLIQG LLYVDSVGFN GKPECYYFEN PTNPELCQKK
 PYCLDNPYPM LLVNMGSGVS ILAVYSKDNV KRVGTGSLGG GTFLGLCCLL
 TGCETFEAL EMAAKGDSTN VDKLVKDIYG GDYERFGLQG SAVASSFGNM
 MSKEKRDSIS KEDLARATLV TITNNIGSIA RMCALNENID RVVFGNFLR
 INMVSMKLLA YAMDFWSKGQ LKALFLEHEG YFGAVGALLE LFK

[IDENTIFICATION]

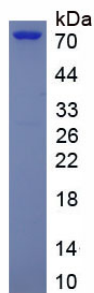


Figure. SDS-PAGE

[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.