

RPD406Ra01 100µg

Recombinant Phosphofructokinase, Liver (PFKL)

Organism Species: Rattus norvegicus (Rat)

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: Ala2~His390

Tags: N-terminal His Tag

**Subcellular Location:** Cytoplasm

**Purity:** > 95%

Traits: Freeze-dried powder

Buffer formulation: 100mMNaHCO<sub>3</sub>, 500mMNaCl, pH8.3, containing 0.01% SKL, 5%

Trehalose.

Original Concentration: 350µg/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: 45.7kDa

Accurate Molecular Mass: 43kDa as determined by SDS-PAGE reducing conditions.

#### [USAGE]

Reconstitute in ddH<sub>2</sub>O 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 ]

```
ATVDLEKLR MSGAGKAIGV LTSGGDAQGM NAAVRAVTRM GIYVGAKVFL IYEGYEGLVE GGENIKPANW LSVSNIIQLG GTIIGSARCK AFTTREGRLA AAYNLLQHGI TNLCVIGGDG SLTGANIFRN EWGSLLEELV KEGKISESTA QNYAHLSIAG LVGSIDNDFC GTDMTIGTDS ALHRIMEVID AITTTAQSHQ RTFVLEVMGR HCGYLALVSA LASGADWLFI PEAPPEDGWE NFMCERLGET RSRGSRLNII IIAEGAIDRH GKPISSSYVK DLVVQRLGFD TRVTVLGHVQ RGGTPSAFDR VLSSKMGMEA VMALLEATPD TPACVVSLSG NQSVRLPLME CVQVTKDVQK AMDEKRFDEA IQLRGRSFEN NWKIYKLLAH
```

### [ IDENTIFICATION ]

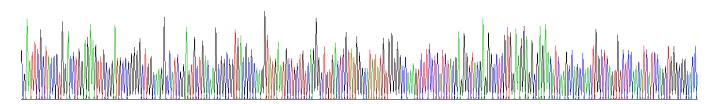
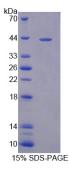


Figure . Gene Sequencing (extract)



# [ 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.