

**RPF491Mu01 100 ug**

**Recombinant Inositol Hexaphosphate Kinase 2 (IHPK2)**

**Organism Species: *Mus musculus* (Mouse)**

***Instruction manual***

FOR RESEARCH USE ONLY

NOT FOR USE IN CLINICAL DIAGNOSTIC PROCEDURES

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13th Edition (Revised in Aug, 2023)

**[ PROPERTIES ]**

**Source:** Prokaryotic expression

**Host:** *E.coli*

**Residues:** Asn124~Glu448

**Tags:** N-terminal His Tag

**Subcellular Location:** Nucleus

**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:** 6.5

**Predicted Molecular Mass:** 41.4 kDa

**Accurate Molecular Mass:** 44 kDa 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 ]**

NSDCEPK SKLLRWTNKK HHALETEKNP KDWVRQHRKE EKMKSHKLEE  
EFEWLKKSEV LYYSVEKKN VSSQLKHYNP WSMKCHQQQL QRMKENAKHR  
NQYKFILLEN LTSRYEVPCV LDLKMGTRQH GDDASEEKAA NQIRKCQQST  
SAVIGVRVCG MQVYQAGTGQ LMFMNKYHGR KLSVQGFKEA LFQFFHNGRY  
LRRELLGPVL KKLTELKAVL ERQESYRFYS SLLVIYDGK EWPEVTLSD  
AEDLEDLSEE SADESAGAYA YKPIGASSVD VRMIDFAHTT CRLYGEDSVV  
HEGQDAGYIF GLQSLIDIVT EISEESGE

**[ 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.