RPH620Hu01 100ug

Recombinant Mannose Phosphate Isomerase (MPI)

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: Ala2~Leu423

Tags: N-terminal His Tag

Subcellular Location: Cytoplasm

Purity: > 97%

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: 5.6

Predicted Molecular Mass: 50.2kDa

Accurate Molecular Mass: 50kDa 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 2-8ºC for one month.

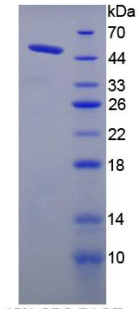
Aliquot and store at -80ºC for 12 months.

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]

AAPRVFPLS CAVQQYAWGK MGSNSEVARL LASSDPLAQI AEDKPYAELW
MGTHPRGDAK ILDNRISQKT LSQWIAENQD SLGSKVKDTF NGNLPFLFKV
LSVETPLSIQ AHPNKELAEK LHLQAPQHYP DANHKPEMAI ALTPFQGLCG
FRPVEEIVTF LKKVPEFQFL IGDEAATHLK QTMSHDSQAV ASSLQSCFSH
LMKSEKKVVV EQLNLLVKRI SQQAAAGNNM EDIFGELLLQ LHQQYPGDIG
CFAIYFLNLL TLKPGEAMFL EANVPHAYLK GDCVECMACS DNTVRAGLTP
KFIDVPTLCE MLSYTPSSSK DRLFLPTRSQ EDPYLSIYDP PVPDFTIMKT
EVPGSVTEYK VLALDSASIL LMVQGTVIAS TPTTQTPIPL QRGGVLFIGA
NESVSLKLTE PKDLLIFRAC CLL

[IDENTIFICATION]



15% 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.