

EPJ081Mu41 100µg

Eukaryotic Glucose-6-Phosphatase, Catalytic (G6PC)

Organism Species: *Mus musculus* (Mouse)

Instruction manual

FOR RESEARCH USE ONLY

NOT FOR USE IN CLINICAL DIAGNOSTIC PROCEDURES

12th Edition (Revised in Aug, 2016)

[PROPERTIES]

Source: Eukaryotic expression

Host: sf21 Cell

Residues: Met1~Leu357

Tags: N-terminal His Tag

Subcellular Location: Membrane

Purity: > 90%

Traits: Freeze-dried powder

Buffer formulation: PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.

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: 9.3

Predicted Molecular Mass: 41.6kDa

Accurate Molecular Mass: 41kDa 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]

MEEGMNILHD FGIQSTRYLQ VNYQDSQDWF ILVSVIADLR NAFYVLFPIW
FHLKETVGIN LLWVAVVGDW FNLVFKWILF GQRPYWWVLD TDYYSNSSVP
IIKQFPVTCE TGPSPSGHA MGAAGVYYVM VTSTLAIFRG KKKPTYGFRC
LNVILWLGFW AVQLNVCLSR IYLAHFPHQ VVAGVLSGIA VAETFSHIRG
IYNASLRKYC LITIFLFGFA LGFYLLKGL GVDLLWTLEK AKRWCERPEW
VHLDTPPFAS LFKNLGTLG LGLALNSSMY RKSCKGELSK LLPFRFACIV
ASLVLLHLFD SLKPPSQVEL IFYILSFCKS ATPPFASVSL IPYCLARILG
QTHKKSL

[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.