Eukaryotic Glucose-6-Phosphatase, Catalytic (G6PC) Instruction Manual

SFPJ053Mu41

Mus musculus (Mouse)

Source	Eukaryotic expression
Host	sf21 Cell
Endotoxin Level	<1.0EU per 1μg (determined by the LAL method)
Subcellular Location	Membrane
Predicted Molecular Mass	41.6kDa
Accurate Molecular Mass	41kDa(Analysis of differences refer to the manual)
Residues & Tags	Met1~Leu357 with N-terminal His Tag
Buffer Formulation	PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.
Traits	Freeze-dried powder
Purity	> 90%
Isoelectric Point	9.3
Applications	Positive Control; Immunogen; SDS-PAGE; WB.

SEQUENCE

MEEGMNILHD FGIQSTRYLQ VNYQDSQDWF ILVSVIADLR NAFYVLFPIW
FHLKETVGIN LLWVAVVGDW FNLVFKWILF GQRPYWWVLD TDYYSNSSVP
IIKQFPVTCE TGPGSPSGHA MGAAGVYYVM VTSTLAIFRG KKKPTYGFRC
LNVILWLGFW AVQLNVCLSR IYLAAHFPHQ VVAGVLSGIA VAETFSHIRG
IYNASLRKYC LITIFLFGFA LGFYLLLKGL GVDLLWTLEK AKRWCERPEW
VHLDTTPFAS LFKNLGTLLG LGLALNSSMY RKSCKGELSK LLPFRFACIV
ASLVLLHLFD SLKPPSQVEL IFYILSFCKS ATVPFASVSL IPYCLARILG
QTHKKSL

USAGE

Reconstitute in 10mM PBS (pH7.4) to a concentration of 0.1-1.0 mg/mL. Do not vortex.

STORAGE

Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.

STABILITY

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.

Image

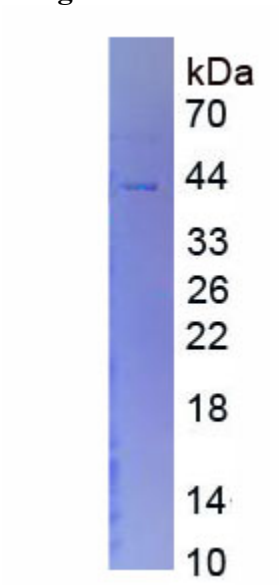

Figure. SDS-PAGE

[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.