RPA295Mu01 10µg

Recombinant Glutathione Peroxidase 1 (GPX1)

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: Prokaryotic expression

Host: E.coli

Residues: Gly48~Ser201

Tags: N-terminal His and GST Tag

Subcellular Location: Cytoplasm

Purity: > 90%

Traits: Freeze-dried powder

Buffer formulation: 20mM Tris, 150mM NaCl, pH8.0, containing 0.01% SKL, 5% Trehalose.

Original Concentration: 150µg/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: 5.7

Predicted Molecular Mass: 47.5kDa

Accurate Molecular Mass: 48kDa as determined by SDS-PAGE reducing conditions.

[ USAGE ]

Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) 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 ]
GTT
IRDYTEMNDL QKRLQPRGLV VLGFPCNOFG HQENKNEEI LNSLKYVRPG
GGFEPNFLF EKCEVNGEK A HPLFTFLRNA LPTPSDDPTA LMTDPKYIIW
SPVCRNDIAW NFEKFLVGPD GVPVRKYSRR FRTIDIEPDI ETLLSQQSGNS

[ IDENTIFICATION ]

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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.