RPA872Mu01 50µg

Recombinant Heat Shock Protein 40 (HSP40)

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: Gly2~Ile340

Tags: N-terminal His Tag

Subcellular Location: Nucleus, Cytoplasm

Purity: > 97%

Traits: Freeze-dried powder

Buffer formulation: 20mM Tris, 150mM NaCl, pH8.0, 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: 8.8

Predicted Molecular Mass: 41.7kDa

Accurate Molecular Mass: 42kDa 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 2-8ºC for one month.

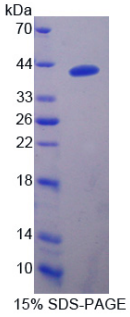
Aliquot and store at -80ºC for 12 months.

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]

GKDYYQTLG LARGASDDEI KRAYRRQALR YHPDKNKEPG AEEKFKEIAE
AYDVLSDPRK REIFDRYGEE GLKGGSPSGG SSGGANGTSF SYTFHGDPHA
MFAEFFGGRN PFDTFFGQRN GEEGMDIDDT FSSFPMGMGG FTNMNFGRSR
PSQEPTRKKQ DPPVTHDLRV SLEEIYSGCT KKMKISHKRL NPDGKSIRNE
DKILTIEVKR GWKEGTKITF PKEGDQTSNN IPADIVFVLK DKPHNIFKRD
GSDVIYPARI SLREALCGCT VNVPTLDGRT IPVVFKDVIR PGMRRKVPGE
GLPLPKTPEK RGDLVIEFEV IFPERIPVSS RTILEQVLPI

[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.