

RPC343Mu01 100µg

Recombinant Heat Shock 70kDa Protein 5 (HSPA5)

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: Gln261~Glu470

Tags: N-terminal His Tag

Subcellular Location: Endoplasmic reticulum lumen

Purity: > 90%

Traits: Freeze-dried powder

Buffer formulation: 20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT,

0.01% SKL, 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: 7.8

Predicted Molecular Mass: 24.8kDa

Accurate Molecular Mass: 25kDa 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]

	QRVMEHFIKL	YKKKTGKDVR	KDNRAVQKLR	REVEKAKRAL
SSQHQARIEI	ESFFEGEDFS	ETLTRAKFEE	LNMDLFRSTM	KPVQKVLEDS
DLKKSDIDEI	VLVGGSTRIP	KIQQLVKEFF	NGKEPSRGIN	PDEAVAYGAA
VQAGVLSGDQ	DTGDLVLLDV	CPLTLGIETV	GGVMTKLIPR	NTVVPTKKSQ
IFSTASDNQP	TVTIKVYEGE			

[IDENTIFICATION]

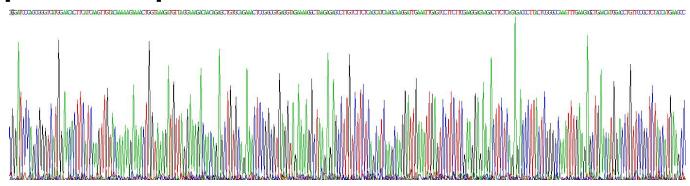
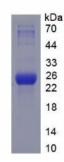


Figure . Gene Sequencing (extract)



[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.