

RPB081Mu01 400µg Recombinant Heat Shock 70kDa Protein 1A (HSPA1A) Organism Species: *Mus musculus (Mouse) Instruction manual*

FOR RESEARCH USE ONLY

NOT FOR USE IN CLINICAL DIAGNOSTIC PROCEDURES

12th Edition (Revised in Aug, 2016)

Coud-Clone Corp.

[PROPERTIES]

Source: Prokaryotic expression Host: *E.coli* Residues: Met1~Ala541 Tags: N-terminal His Tag Subcellular Location: Cytoplasm Purity: > 95% Traits: Freeze-dried powder Buffer formulation: PBS, pH7.4, containing 0.01% SKL, 5% Trehalose. Original Concentration: 600µg/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: 6.2

Predicted Molecular Mass: 60.8kDa

Accurate Molecular Mass: 60kDa as determined by SDS-PAGE reducing conditions.

[<u>USAGE</u>]

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]

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MAKNTAIGID	LGTTYSCVGV	FQHGKVEIIA	NDQGNRTTPS	YVAFTDTERL
IGDAAKNQVA	LNPQNTVFDA	KRLIGRKFGD	AVVQSDMKHW	PFQVVNDGDK
PKVQVNYKGE	SRSFFPEEIS	SMVLTKMKEI	AEAYLGHPVT	NAVITVPAYF
NDSQRQATKD	AGVIAGLNVL	RIINEPTAAA	IAYGLDRTGK	GERNVLIFDL
GGGTFDVSIL	TIDDGIFEVK	ATAGDTHLGG	EDFDNRLVSH	FVEEFKRKHK
KDISQNKRAV	RRLRTACERA	KRTLSSSTQA	SLEIDSLFEG	IDFYTSITRA
RFEELCSDLF	RGTLEPVEKA	LRDAKMDKAQ	IHDLVLVGGS	TRIPKVQKLL
QDFFNGRDLN	KSINPDEAVA	YGAAVQAAIL	MGDKSENVQD	LLLLDVAPLS
LGLETAGGVM	TALIKRNSTI	PTKQTQTFTT	YSDNQPGVLI	QVYEGERAMT
RDNNLLGRFE	LSGIPPAPRG	VPQIEVTFDI	DANGILNVTA	TDKSTGKANK
ITITNDKGRL	SKEEIERMVQ	EAERYKAEDE	VQRDRVAAKN	Α

[IDENTIFICATION]

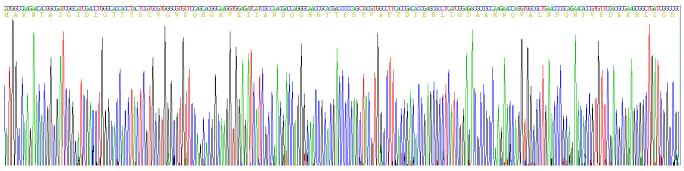


Figure . Gene Sequencing (extract)

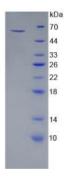


Figure. SDS-PAGE

[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.