

RPB081Hu02 100µg

Recombinant Heat Shock 70kDa Protein 1A (HSPA1A)

Organism Species: *Homo sapiens (Human)*

Instruction manual

FOR RESEARCH USE ONLY

NOT FOR USE IN CLINICAL DIAGNOSTIC PROCEDURES

13th Edition (Revised in Aug, 2023)

[PROPERTIES]

Source: Prokaryotic expression

Host: *E.coli*

Residues: Asp285~Asp641

Tags: N-terminal His Tag

Subcellular Location: Cytoplasm

Purity: > 97%

Traits: Freeze-dried powder

Buffer formulation: PBS, pH7.4, 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: 5.4

Predicted Molecular Mass: 42.5kDa

Accurate Molecular Mass: 43kDa as determined by SDS-PAGE reducing conditions.

[USAGE]

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.

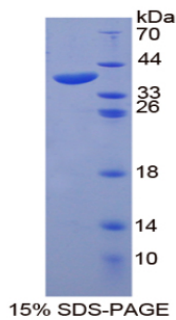
Aliquot and store at -80°C for 12 months.

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]

RFEELCSDLF	RSTLEPVEKA	LRDAKLDKAG	DSLFEG	IDFYTSITRA
QDFFNGRDLN	KSINPDEAVA	YGAAVQAAIL	IHDLVLVGGG	TRIPKVQKLL
LGLETAGGVM	TALIKRNSTI	PTKQTQIFTT	MGDKSENVQD	LLLLDVAPLS
KDNLLGRFE	LSGIPPAPRG	VPQIEVTFDI	YSDNQPGVLI	QVYEGERAMT
ITITNDKGRL	SKEEIERMVQ	EAEKYKAED	DANGILNVTA	TDKSTGKANK
SAVEDEGLKG	KISEADKKKV	LDKCQEVIW	VQRERVSANK	ALESYAFNMK
QVCNPIISGL	YQGAGGPGPG	GFGAQGPKGG	LDANTLAEKD	EFEHKRKELE
			SGSGPTIEEV	D

[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.