

**RPB062Hu02 100µg**

**Recombinant Heat Shock 70kDa Protein 1 Like Protein (HSPA1L)**

**Organism Species: Homo sapiens (Human)**

***Instruction manual***

FOR IN VITRO USE AND RESEARCH USE ONLY  
NOT FOR USE IN CLINICAL DIAGNOSTIC PROCEDURES

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9th Edition (Revised in Jul, 2013)

## **[ PROPERTIES ]**

**Residues:** Met1~Asp641 (Accession # P34931),  
with two N-terminal Tags, His-tag and S-tag.

**Host:** *E. coli*

**Purity:** >95%

**Endotoxin Level:** <1.0EU per 1µg  
(determined by the LAL method).

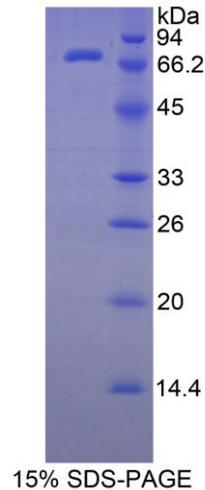
**Formulation:** Supplied as lyophilized form in PBS,  
pH7.4, containing 5% sucrose, 0.01% sarcosyl.

**Predicted isoelectric point:** 5.7

**Predicted Molecular Mass:** 76.1kDa

**Applications:** SDS-PAGE; WB; ELISA; IP.

(May be suitable for use in other assays to be determined by the end user.)



## **[ USAGE ]**

Reconstitute in sterile PBS, pH7.2-pH7.4.

## [ 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 of the target protein. 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. (Referring from China Biological Products Standard, which was calculated by the Arrhenius equation.) The loss of this protein is less than 5% within the expiration date under appropriate storage condition.

## [ SEQUENCES ]

The target protein is fused with two N-terminal Tags, His-tag and S-tag, its sequence is listed below.

MHHHHHSSG LVPRGSGMKE TAAAKFERQH MDSPDLGTDD DDKAMADIGS EF-  
MATAKGIAIG IDLGTTYSCV GVFQHGKVEI IANDQGNRTT PSYVAFTDTE RLIGDAAKNQ  
VAMNPQNTVF DAKRLIGRKF NDPVVQADMK LWPFQVINEG GKPKVLVSYK GENKAFYPEE  
ISSMVLTKLK ETAEAFLGHP VTNAVITVPA YFNDSQRQAT KDAGVIAGLN VLRIINEPTA  
AAIAYGLDKG GQGERHVLIF DLGGGTFDVS ILTIDDGIFE VKATAGDTHL GGEDFDNRLV  
SHFVEEFKRK HKKDISQNKR AVRRLRTACE RAKRTLSSST QANLEIDS LY EGIDFYTSIT  
RARFEELCAD LFRGTLEPVE KALRDAKMDK AKIHDIVLVG GSTRIPKVQR LLQDYFNQRD  
LNKSINPDEA VAYGAAVQAA ILMGDKSEKV QDLLLLDVAP LSLGLETAGG VMTALIKRNS  
TIPTKQTQIF TTYSDNQPGV LIQVYEGERA MTKDNNLLGR FDLTGIPPAP RGVPQIEVTF  
DIDANGILNV TATDKSTGKV NKITITNDKG RLSKEEIERM VLDAEKYKAE DEVQREKIAA  
KNALESYAFN MKSVVSDEGL KGKISESDKN KILDKCNELL SWLEVNQLAE KDEFDHKRKE  
LEQMCNPIIT KLYQGGCTGP ACGTGYVPGR PATGPTIEEV D