



Recombinant Heat Shock 70kDa Protein 1A (HSPA1A)

Catalog No.: TP11083 50µg

Sequence Information

Species: Mouse

Gene ID:193740

Swiss Prot:Q61696

Synonyms:HSP70-1; HSP-A1A

Residues:Met1-Asp641

MAKNTAIGIDLGGTTYSVGVFQHGKVEIIANDQGNRTTPSYVAFTDTERLIGDAAKNQVALNPQNTVFD
AKRLIGRKFGDAVVQSDMKHWPFFQVVDGDKPKVQVNYKGESRSFFPEEISSMVLTKMKEIAEAYLGHP
VTNAVITVPAYFNDSQRQATKDAGVIAGLNLVRIINEPTAAAIAYGLDRTGKGERNVLI FDLGGGTFDV
SILTIDDGIFEVKATAGDTHLGGEDFDNRLVSHFVEEFKRKHKKDISQNKRAVRRLRTACERAKRTLSS
STQASLEIDSLFEGIDFYTSITRARFEELCSDLFRGTLPEVEKALRDAKMDKAQIHDLVLVGGSTRIPK
VQKLLQDFFNGRDLNKSINPDEAVAYGAAVQAAIILMGDKSENVQDLLLLLDVAPLSLGLTAGGVMTALI
KRNSTIPTKQTQTFTTYSDNQPGVLIQVYEGERAMTRDNNLLGRFELSGIPPAPRGVPPQIEVTFDIDAN
GILNVTATDKSTGKANKITITNDKGRLSKEEIERMVQEAERYKAEDDEVQRDRVAAKNALESYAFNMKSA
VEDEGLKGKLSEADKKKVLDDKCQEVISWLDSENTLADKEEFVHKREELERVCSPIISGLYQGAGAPGAGG
FGAQAPKGASGSGPTIEEVD

Product Information

Source: Prokaryotic expression.

Host: *E. coli*

Tags: N-terminal His-Tag

Subcellular Location: Secreted.

Purity: >90%

Traits: Freeze-dried powder

Buffer formulation: PBS (PH7.4) , containing 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: 6.3

Predicted Molecular Mass: 71kDa

Accurate Molecular Mass: 71kDa as determined by SDS-PAGE reducing conditions.

[USAGE]

Reconstitute in PBS (pH7.4) to a concentration of 0.1-0.5 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.

[IDENTIFICATION]

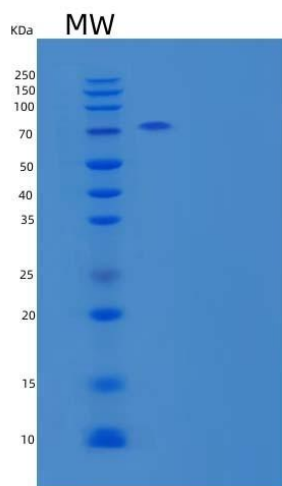


Figure . SDS-PAGE

[IMPORTANT NOTE]

The kit is designed for in vitro and research use only, we will not be responsible for any issue if the kit was used in clinical diagnostic or any other procedures.