
Product Datasheet

HSP70 Protein (orb1714289)

Description

Active Human Recombinant HSP70 Protein

Reactivity

Human

Tested Applications

ATPase Activity Assay, ELISA, FA, SDS-PAGE, WB

Target

HSP70

Preservatives

50mM Tris/HCl, pH 7.5, 0.15M NaCl, 10% glycerol

Concentration

Lot/batch specific. See included datasheet.

Storage

-20°C

Tag

His tag

Note

For research use only

Application notes

This product has been certified > 90% pure using SDS-PAGE analysis. The protein tested positive for ATPase activity using a Malachite Green assay.

Protein Sequence

MAKAAAIGIDLGTYSYCVGVFQHGKVEIANDQGNRTTPSYVAFTDTERLIGDAA
 KNQVALNPQNTVFDKRLIGRKFQDPVQSDMKHWPVQVINDGDKPKVQVSYK
 GETKAFYPEEISSMVLTKMKEIAEAYLGYPVNAVITVPAYFNDSQRQATKDAGVI
 AGLNVLRIINEPTAAAIAYGLDRTGKGERNVLIIDLGGGTFDVSILTIDGIFEVKA
 TAGDTHLGGEDFDNRLVNHVVEEFKRKHKKDISQNKRAVRRRLRTACERAKRTLS
 SSTQASLEIDSLFEGIDFYTSITRARFEELCSDLFRSTLEPVEKALRDAKLDKAIH
 DLVLVGGSTRIPKVQKLLQDFFNDRDLNKSINPDEAVAYGAAVQAAILMGDKSE
 NVQDLLLDVAPLSLGLTAGGVM TALIKRNSTIPTKQTQIFTTYSDNQPGVLIQV
 YEGERAMTKDNNLLGRFELSGIPPAPRGVPQIEVTFDIDANGILNVTATDKSTGKA
 NKITITNDKGRLSKEEIERMVQEAKEYKADEVQRERVSAKNALESYAFNMKSAV
 EDEGLKKGISEADKKKVLDKCQEVISWLDANTLAEKDEFEHKRKELEQVCNPIIS
 GLYQGAGGPGGGFQAQGPKGGSGSGPTIEEVD

Purity

> 90%

Source

Recombinant

MW

~70 kDa

Uniprot ID
[P0DMV9](#), [P0DMV8](#)
Expiration Date

6 months from date of receipt.