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## Product Datasheet

### HSP70 Protein (orb1714290)

**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**

MAKAAAIGIDLGTTCVGVFQHGKVEIANDQGNRTTPSYVAFTDTERLIGDAA  
 KNQVALNPQNTVFDKRLIGRKFQDPVVQSDMKHWPVQVINDGDKPKVQVSYK  
 GETKAFYPEEISSMVLTKMKEIAEAYLGYPVNAVITVPAYFNDSQRQATKDAGVI  
 AGLNVLRIINEPTAAAIAYGLDRTGKGERNVLIIDLGGGTFDVSILTIDDGIFEVKA  
 TAGDTHLGGEDFDNRLVNHVVEEFKRKHKKDISQNKRAVRLRTACERAKRTLS  
 SSTQASLEIDSLFEGIDFYTSITRARFEELCSDLFRSTLEPVEKALRDAKLDKAIH  
 DLVLVGGSTRIPKVQKLLQDFFNDRDLNKSINPDEAVAYGAAVQAAILMGDKSE  
 NVQDLLLDVAPLSLGLTAGGVM TALIKRNSTIPTKQTQIFTTYSDNQPGVLIQV  
 YEGERAMTKDNNLLGRFELSGIPPAPRGVPQIEVTFDIDANGILNVTATDKSTGKA  
 NKITITNDKGRLSKEEIERMVQEAKEYKADEVQRERVSAKNALESYAFNMKSAV  
 EDEGLKKGISEADKKKVLKDCQEVISWLDANTLAEKDEFEHKRKELEQVCNPIIS  
 GLYQGAGGPGGGFQAQPKGGSGSGPTIEEVD

**Purity**

&gt; 90%

**Source**

Recombinant

**MW**

~70 kDa

**Uniprot ID**
**P0DMV9, P0DMV8**
**Expiration Date**

6 months from date of receipt.