

Human Hsp70 protein (active)

Cat. No. GTX00447-pro

Applications	Functional Assay
Species	Human

Package
50 µg

Applications

Application Note

The protein has ATPase activity at the time of manufacture of 3.0 µM phosphate liberated/hr/µg protein in a 200 µl reaction at 37°C (pH 7.5) in the presence of 20 µl of 1 mM ATP using a Malachite Green assay.

Observed MW (kDa) 70 kDa.

Properties

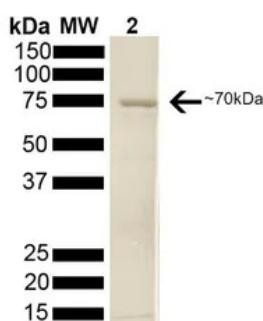
Form	Liquid
Buffer	50mM Tris-HCl, 2.5mM Bme, 150mM NaCl, 10% Glycerol
Preservative	No preservatives
Storage	Store as concentrated solution. Aliquot and store at -20°C or below. Avoid freeze-thaw cycles.
Concentration	Batch dependent (Please refer to the vial label for the specific concentration.)
Region/Sequence	Full-length protein without any tag; NP_005336.3
Expression System	E. coli
Purification	Multi-Step Purified
Purity	> 90%
Conjugation	Unconjugated
Note	For laboratory use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption.



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DATA IMAGES



GTX00447-pro Image

SDS-PAGE analysis of GTX00447-pro Human Hsp70 protein (active).



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