

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

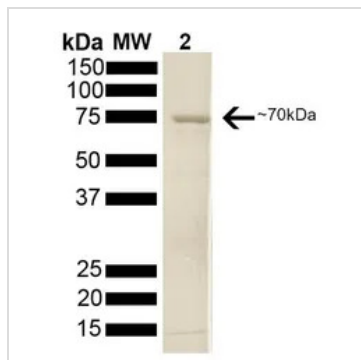
Purity > 90%

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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