

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.

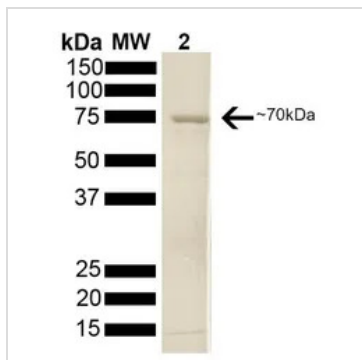
Observed MW (kDa) 70 kDa.

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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