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## **Product Datasheet**

## Human Hsp70 protein (active), Unconjugated GTX00447-PRO

Article Name Human Hsp70 protein (active), Unconjugated  Biozol Catalog Number GTX00447-PRO  Supplier Catalog Number GTX00447-pro  Alternative Catalog Number GTX00447-PRO-50  Manufacturer GeneTex  Category Proteine/Peptide  Application FA  Species Reactivity Human  Conjugation Unconjugated  Concentration Batch dependent (Please refer to the vial label for the specific concentration.)  NCBI 3303  UniProt PODMV8  Buffer 50mM Tris-HCl, 2.5mM Bme, 150mM NaCl, 10% Glycerol, no preservative.  Expression System E. coli  Purity Multi-Step Purified  Form Liquid  Seguence Full-length protein without any tag, NP 005336.3		
Supplier Catalog Number Alternative Catalog Number GTX00447-PRO-50  Manufacturer GeneTex Category Proteine/Peptide  Application FA  Species Reactivity Human Conjugation Unconjugated  Concentration Batch dependent (Please refer to the vial label for the specific concentration.)  NCBI 3303 UniProt PODMV8  Buffer 50mM Tris-HCl, 2.5mM Bme, 150mM NaCl, 10% Glycerol, no preservative.  Expression System E. coli Purity Multi-Step Purified  Form Liquid	Article Name	Human Hsp70 protein (active), Unconjugated
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Concentration  Concentration.)  NCBI  3303  UniProt  PODMV8  SomM Tris-HCl, 2.5mM Bme, 150mM NaCl, 10% Glycerol, no preservative.  Expression System  E. coli  Purity  Multi-Step Purified  Form  Liquid	Conjugation	Unconjugated
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Buffer 50mM Tris-HCl, 2.5mM Bme, 150mM NaCl, 10% Glycerol, no preservative.  Expression System E. coli  Purity Multi-Step Purified  Form Liquid	NCBI	3303
Expression System E. coli  Purity Multi-Step Purified  Form Liquid	UniProt	P0DMV8
Purity Multi-Step Purified  Form Liquid	Buffer	-
Form Liquid	Expression System	E. coli
	Purity	Multi-Step Purified
Sequence Full-length protein without any tag. NP 005336.3	Form	Liquid
Tan length protein milliode dily tag, in _00355015	Sequence	Full-length protein without any tag, NP_005336.3

The protein has ATPase activity at the time of manufacture of 3.0  $\mu$ M phosphate liberated/hr/ $\mu$ g protein in a 200  $\mu$ l reaction at 37C (pH 7.5) in the presence of 20  $\mu$ l of 1 mM ATP using a Malachite Green assay.