

Recombinant Toxoplasma gondii (strain ATCC 50611 / Me49) HSP70 protein, His-tagged

Cat. No. HSP70-3422T **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Toxoplasma gondii (strain ATCC 50611 / Me49) HSP70 protein(A0A125YXI9)(1-674aa), fused with N-terminal His tag, was expressed in E.coli.
Species	Toxoplasma gondii (strain ATCC 50611 / Me49)
Source	E.coli
ProteinLength	1-674aa
Form	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.
Molecular Mass	78.9 kDa
Purity	Greater than 90% as determined by SDS-PAGE.
Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.
Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL.We recommend to add 5-50% of glycerol (final

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concentration) and aliquot for long-term storage at -20°C/-80°C.

AA Sequence

MADSPAVGIDLGTTYSCVGVWKNDAVEIIANDQGNRTTPSYVAFTDTERLVGDAAK
 NQVARNPENTIFDAKRLIGRKFDPSVQSDMKHWPFKVIAGPGDKPLIEVTYQGEKK
 TFHPPEEVSAMVLGKMKEIAEAYLGKEVKEAVITVPAYFNDSQRQATKDAGTIAGLSVL
 RIINEPTAAAIAYGLDKKGCgemnVLIFDMGGGTFDVSLLTIEDGIFEVKATAGDTHLG
 GEDFDNRLVDFCVQDFKRKNRGKDISTNSRALRRLRTQCERTKRTLSSSTQATIEID
 SLFEGIDYSVSISRARFEELCMDYFRNSLLPVEKVLKDSGIDKRSVSEVVLVGGSTRI
 PKIQQLITDFFNGKEPCRSINPDEAVAYGAAVQAAILKGVTSQVQDLLLLDVAPLSL
 GLETAGGVMTKLIERNNTIPTKKSQTFTTYADNQPGVLIQVYEGERAMTKDNNLLGK
 FHLDGIPPAPRGVPQIEVTFDIDANGIMNVTAQDKSTGKSNQITITNDKGRLSASEIDR
 MVQEAEKYKAEDEQNKHRVEAKNGLENYCYHMRQTLDEKLKDKISSEDRDTANK
 AIQEALDWLDKNQLAEKEEFQKEVESVCTPIITKLYQAGAAAGGMPGGMGGMMP
 GGMGGMPGGMGGMMPGGMGGMMPGGMGGMMPGAGMGSSGGPTVEEVD

SDS-PAGE

