

## Chaperone protein DnaK (dnaK) Recombinant Protein | dnaK recombinant protein

Recombinant Escherichia coli Chaperone protein DnaK (dnaK)

|                               |                                                                 |
|-------------------------------|-----------------------------------------------------------------|
| CATALOG #<br><b>AAA117193</b> | HOST<br><b>E Coli or Yeast or Baculovirus or Mammalian Cell</b> |
|-------------------------------|-----------------------------------------------------------------|

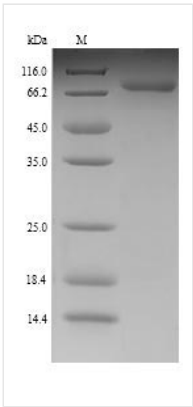
### PRODUCT SYNONYMS

Chaperone protein DnaK (dnaK); Recombinant Escherichia coli Chaperone protein DnaK (dnaK); Chaperone protein DnaK; HSP70; Heat shock 70 kDa protein; Heat shock protein 70; dnaK recombinant protein

### PRODUCT SPECIFICATIONS

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                    | E Coli or Yeast or Baculovirus or Mammalian Cell                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Purity/Purification     | Greater or equal to 85% purity as determined by SDS-PAGE.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Form/Format             | Lyophilized or liquid (Format to be determined during the manufacturing process)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Sequence Positions      | 1-638. Full Length                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Sequence                | MGKIIGIDLG TTNSCVAIMD GTTPRVLENA EGDRTTPSII AYTQDGETLV GQPAKRQAVT NPQNTLFAIK<br>RLIGRRFQDE EVQRDVSIMP FKIIAADNGD AWVEVKGQKM APPQISAEVL KKMKKTAEY LGPEVTEAVI<br>TVPAYFNDAQ RQATKDAGRI AGLEVKRIIN EPTAAALAYG LDKGTGNRTI AVYDLGGGTF DISIIEIDEV<br>DGEKTFEVL TNGDTHLGGE DFDSRLINYL VEEFKKDQGI DLRNDPLAMQ RLKEAAEKAK IELSSAQQTD<br>VNLPIYTADA TGPKHMIKV TRAKLESLVE DLVNRSIEPL KVALQDAGLS VSDIDDVILV GGQTRMPMVQ<br>KKVAEFFGKE PRKDVNPDEA VAIGAAVQGG VLTGDVKDVL LLDVTPLSLG IETMGGMVMTT LIAKNTTIPT<br>KHSQVFSTAE DNQSAVTIHV LQGERKRAAD NKSLGQFNLD GINPAPRGMP QIEVTFDIDA DGILHVSADK<br>KNSGKEQKIT IKASSGLNED EIQKMVRDAE ANAEADRFKE ELVQTRNQGD HLLHSTRKQV EEAGDKLPAD<br>DKTAIESALT ALETALKGED KAAIEAKMQE LAQVSQKLME IAQQQHAQQQ TAGADASANN AKDDDVVDAE<br>FEEVKDKK                              |
| Species                 | Escherichia coli (strain UTI89 / UPEC)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Production Note         | <b>Special Offer:</b> The Yeast host-expressed protein is manufactured from a stock plasmid containing the protein gene. Yeasthost-expressed protein is stocked in different unit sizes ranging from as small as 10 ug to as large as 1 mg. Bulk inventory is also available. The Yeast host-expressed protein has been ordered over and over again by researchers and has stood the test of time as both a robust protein and important target for the research community. It is part of our new program to make our most popular protein targets and corresponding hosts available in expanded unit sizes and with a quick processing time. Select Yeast host-expressed protein for the fastest delivery among all hosts. Please contact our <b>or email to</b> for more details. |
| Preparation and Storage | Store at -20 degrees C. For long-term storage, store at -20 degrees C or -80 degrees C. Store working aliquots at 4 degrees C for up to one week. Repeated freezing and thawing is not recommended.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |

IMAGES



SDS-PAGE

ADDITIONAL INFORMATION

|                                                          |                     |
|----------------------------------------------------------|---------------------|
| Related Product Information for dnaK recombinant protein | Acts as a chaperone |
| Product Categories/Family for dnaK recombinant protein   | Signal Transduction |

NCBI AND UNIPROT INFORMATION

|                           |                          |
|---------------------------|--------------------------|
| NCBI GI #                 | 91209071                 |
| NCBI GeneID               | 3993041                  |
| NCBI Accession #          | YP_539057.1              |
| NCBI GenBank Nucleotide # | NC_007946.1              |
| UniProt Accession #       | Q1RGI8                   |
| Molecular Weight          | 71.1 kDa                 |
| NCBI Official Full Name   | molecular chaperone DnaK |
| NCBI Official Symbol      | dnaK                     |
| NCBI Protein Information  | molecular chaperone DnaK |
| UniProt Protein Name      | Chaperone protein DnaK   |
| UniProt Gene Name         | dnaK                     |
| UniProt Entry Name        | DNAK_ECOUT               |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/dnak-recombinant-protein-e-coli/117193>