



## DnaK ATPase Binding Domain E.Coli Recombinant

<b>Item Number</b>	rAP-3377
<b>Synonyms</b>	HSP-70, HSP70, DnaK, Chaperone protein dnaK, Heat shock protein 70, Heat shock 70 kDa protein, groP, grpF, seg, b0014, JW0013.
<b>Description</b>	Recombinant DnaK Substrate Binding Domain produced in E.Coli is a single, non-glycosylated polypeptide chain containing 384 amino acids and having a molecular mass of 48.1 kDa.
<b>Uniprot Accession Number</b>	
<b>Amino Acid Sequence</b>	MGKIIGIDLG TTNSCVAIMD GTTPRVLENA EGDRTTPSII AYTQDGETLV GQPAKRQAVTNPQNTLFAIK RLIGRRFQDE EVQRDVSIMP FKIIAADNGD AWVEVKGQKM APPQISAEVLKMKKTAEDY LGPEVTEAVI TVPAYFNDAQ RQATKDAGRI AGLVVKRIIN EPTAAALAYGLDKGTGNRTI AVYDLGGGTF DISIIEIDEV DGEKTFEVLV TNGDTHLGGE DFDSRLINYLVEEFKKDQGI DLRNDPLAMQ RLKEAAEKAK IELSSAQQTD VNLPHYTADA TGPKHMNIKV TRAKLESLVE DLVNRSIEPL KVALQDAGLS VSDIDDVILV GGQTRMPMVQ KKVAEFFGKEPRKDVNPDEA VAIGAAVQGG VLTG.
<b>Source</b>	Escherichia Coli.
<b>Physical Appearance and Stability</b>	Sterile filtered colorless solution. Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.
<b>Formulation and Purity</b>	The DnaK protein contains 25mM Tris-HCl, pH7.5, 100mM NaCl, 5mM DTT and 10% Glycerol. Greater than 95.0% as determined by SDS-PAGE.
<b>Application</b>	
<b>Solubility</b>	
<b>Biological Activity</b>	
<b>Shipping Format and Condition</b>	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**