

E.Coli DnaK ATPase-BD Recombinant Protein



RPPB5939

Product Information Protein Information

Product SKU:

RPPB5939

Host:

Escherichia Coli.

Protein description:

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 41.6 kDa.

Appearance:

Sterile filtered colorless solution.

Synonyms:

HSP-70, HSP70, DnaK, Chaperone protein dnaK, Heat shock protein 70, Heat shock 70 kDa protein, groP, grpF, seg, b0014, JW0013.

Formulation:

The DnaK protein contains 25mM Tris-HCl, pH7.5, 100mM NaCl, 5mM DTT and 10% Glycerol.

Purity:

Greater than 95.0% as determined by SDS-PAGE.

Stability:

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.

Amino Acid Sequence:

MGKIIIGIDLG TTNSCVAIMD GTTPRVLENA EGDRTTPSII AYTQDGETLV GQPAKRQAVTNPQNTLFAIK
RLIGRRFQDE EVQRDVSIMP FKIIAADNGD AWVEVKGQKM APPQISAEVLKMKKTAEDY LGPEVTEAVI
TVPAYFNDAQ RQATKDAGRI AGLEVKRIIN EPTAAALAYGLDKGTGNRTI AVYDLGGGTF DISIIEDEV
DGEKTFEVL TNGDTHLGGE DFDSRLINYLVEEFKKDQGI DLRNDPLAMQ RLKEAAEKAK IELSSAQQTD
VNLPIYADA TGPKHMKV TRAKLESLVE DLVNRSIEPL KVALQDAGLS VSDIDDVILV GGQTRMPMVQ
KKVAEFFGKEPRKDVNPDEA VAIGAAVQGG VLTG.