

RPPB5210

Product Information Protein Information

Product SKU:

RPPB5210

Accession:

P0A6Y8

Host:

Escherichia Coli.

Protein description:

Recombinant DnaK produced in E.Coli is a single, non-glycosylated polypeptide chain containing 638 amino acids and having a molecular mass of 69 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 buffer (pH 7.5), 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 LGEPVTEAVI
TVPAYFNDAQ RQATKDAGRI AGLEVKRIINEPTAAALAYGLDKGTGNRTI AVYDLGGGTFDISIIEIDEV
DGEKTFEVL TNGDTHLGGE DFDSRLINYLVEEFKDKQGI DLRNDPLAMQ RLKEAAEKAK IELSSAQQT
VNLPIYITADA TGPKHMNIKVTRAKLESLVE DLVNRSEIPL KVALQDAGLS VSDIDDVILV GGQTRMPMVQ
KKVAEFFGKEPRKDVNPDEA VAIGAAVQGG VLTGDVKDVL LLDVTPLSLG IETMGGVMTT
LIAKNTTIPTKHSQVFSTAE DNQSAVTIHV LQGERKRAAD NKSLGQFNLD
GINPAPRGMPOQIEVTFDIDADGILHVS AKD KNSGKEQKITIKASSGLNED EIQKMVRDAE ANAEADRKFE
ELVQTRNQGDHLLHSTRKQV EEAGDKLPAD DKTAIESALT ALETALKGED KAAIEAKMQE
LAQVSQKLMEIAQQQHAQQQ TAGADASANN AKDDDDVVDAAE FEEVKDKK.