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AR10510PU-S OriGene EU

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dnaK / Hsp70 - Purified

Catalog No.: AR10510PU-S

Quantity: 2 μg

Background: DnaK, originally identified for its DNA replication by bacteriophage l in *E.coli* is the

bacterial hsp70 chaperone. This protein is involved in the folding and assembly of newly synthesized polypeptide chains and in preventing the aggregation of stress-denatured

proteins.

Uniprot ID: P19993

NCBI: <u>NP_302613.1</u>

 GenelD:
 908588

 Source:
 E. coli

Format: State: Liquid sterile filtered colorless solution

Purity: >95.0% as determined by both RP-HPLC and SDS-PAGE analysis

Buffer System: 10mM Sodium Phosphate buffer pH 7.4, 130mM Sodium Chloride and

2.5mM KCl

Description: Recombinant Dnak produced in *E.coli* is a single, non-glycosylated polypeptide chain

conjtaining 625 amino acids. **Molecular weight:** 66.7 kDa

Storage: Store undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer.

Avoid repeated freezing and thawing. Shelf life: one year from despatch.