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AR10510PU-L

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dnaK / Hsp70 - Purified

Catalog No.: AR10510PU-L

Quantity: 0.1 mg

Background: DnaK, originally identified for its DNA replication by bacteriophage λ 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: [NP_302613.1](#)

GeneID: [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 containing 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.