

Datasheet for ABIN666804

DnaK (AA 1-638), (full length) Protein[Go to Product page](#)**1** Image

Overview

Quantity:	100 µg
Target:	DnaK
Protein Characteristics:	full length, AA 1-638
Origin:	E. coli
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Application:	SDS-PAGE (SDS)

Product Details

Characteristics:	Dnak(full length, 1-638) E.coli, Recombinant, E.coli
Purity:	> 95 % by SDS - PAGE

Target Details

Target:	DnaK
Background:	<p>DnaK, originally identified for its DNA replication by bacteriophage lambda 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. DnaK (amino acids 1-638) was amplified by PCR and cloned into an E. coli expression vector. DnaK 1-638 was overexpressed in E. coli and was purified to apparent homogeneity by using conventional column chromatography techniques. Synonyms: Chaperone protein dnaK, HSP70, groP, grpF, seg, Heat shock protein 70, Chaperone Hsp70, Co chaperone with DnaJ, dnaK, Heat shock 70 kDa protein,. NCBI no.: NP_414555</p>

Target Details

Molecular Weight: 69kDa (638aa)

Application Details

Restrictions: For Research Use only

Handling

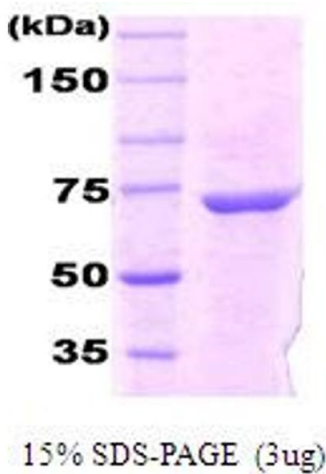
Format: Liquid

Concentration: 1 mg/ml (determined by Bradford assay)

Buffer: Liquid. 25 mM Tris-HCl, pH7.5, 100 mM NaCl, 5mM DTT,10%Glycerol

Storage: 4 °C

Images



SDS-PAGE

Image 1.