

Datasheet for ABIN934893  
**DNAJB6 Protein (AA 1-376)**



[Go to Product page](#)

1 Image

## Overview

Quantity:	100 µg
Target:	DNAJB6
Protein Characteristics:	AA 1-376
Origin:	All Species
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Application:	SDS-PAGE (SDS)

## Product Details

Sequence:	MAKQDYEIL GVSKTAEHE IRKAYKRLAM KYHPDRNQGD KEAEAKFKEI KEAYEVLTDSD QKRAAYDQYG HAAFEQGGMG GGGFGGGADF SDIFGDVFGD IFGGGRGRQR AARGADLRYN MELTLEEAVR GVTKEIRIPT LEECDVCHGS GAKPGTQPQT CPTCHGSGQV QMRQFFAVQ QTCPHCQGRG TLIKDPCNKC HGHGRVERSK TLSVKIPAGV DTGDRIRLAG EGEAGEHGAP AGDLYVQVQV KQHPIFEREG NNLYCEVPIN FAMAALGGEI EVPTLDGRVK LKVPGETQTG KLFMRGKGV KSVRGAQGD LLCRVVWETP VGLNERQKQL LQELQESFGG PTGEHNSPRS KSFFDGVKKF FDDLTR
Characteristics:	Purified recombinant E.coli DnaJ protein Expression System: E.coli Molecular weight on SDS-PAGE will appear higher.
Purity:	> 95 % pure

## Target Details

---

Target:	DNAJB6
Alternative Name:	DnaJ ( <a href="#">DNAJB6 Products</a> )
Background:	<p>DNAJ, Heat shock protein, functions in association with DnaK(Hsp70) molecular chaperone to facilitate protein folding. p70 chaperone. DnaJ plays a key role in the chaperone reaction by stimulating the ATPase activity and activating the substrate binding of Hsp70. DnaJ consists of four domains that are N-terminal 76 amino acid J-domain, G/F domain, zinc-binding cysteine rich CR-domain, C-terminal CTD-domain and they are conserved to various degrees among the homologues. DnaJ(amino acids 1-376) was overexpressed in E. coli and purified to apparent homogeneity by using conventional column chromatography techniques.</p> <p>Alternative Names: HSPF4 protein, , DnaJ homolog subfamily A member 1 protein, HDJ-2 protein, DnaJ (1-376aa) protein, HDJ2 protein, DnaJ protein homolog 2 protein, DNAJA1 protein, HSJ2 protein, HSJ-2 protein, Heat shock 40 kDa protein 4 protein, HSDJ protein, DNAJ2 protein</p>
Molecular Weight:	41.1 kDa (376 AA)

## Application Details

---

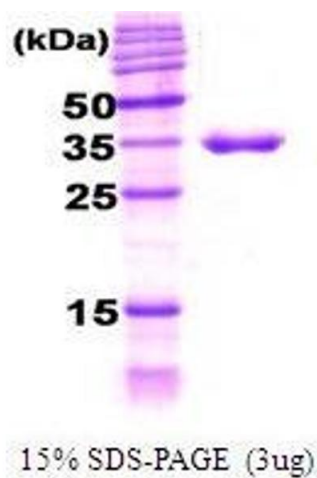
Application Notes:	DnaJ protein has been used in SDS PAGE and may be suitable for use in other assays to be determined by the end user.
Restrictions:	For Research Use only

## Handling

---

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	Supplied as a liquid in 25 mM Tris-HCl, pH 7.5, containing 100 mM NaCl, 5 mM DTT, and 10 % glycerol.
Preservative:	Dithiothreitol (DTT)
Precaution of Use:	This product contains Dithiothreitol: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze/thaw cycles.
Storage:	RT/-20 °C
Storage Comment:	Store at 4 °C for short term storage (1/2 weeks). Aliquot and store at -20 °C or -70 °C for long

term storage.



#### SDS-PAGE

**Image 1.** Figure annotation denotes ug of protein loaded and % gel used.