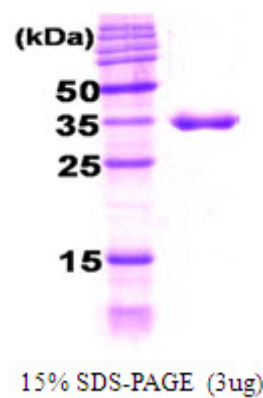


SA6028X

Recombinant DnaJ (aa 1-376)

Alternate names:	Heat shock protein J, JW0014, b0015, groP
Quantity:	0.5 mg
Concentration:	1.0 mg/ml
Background:	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 cystein rich CR-domain, C-terminal CTD-domain and they are conserved to various degrees among the homologues.
Uniprot ID:	P08622
NCBI:	AP_000679.1
GeneID:	944753
Species:	E. coli
Source:	E. coli
Format:	State: Liquid purified protein Purity: >95% by SDS-PAGE Buffer System: 25 mM Tris-HCl, pH 7.5, 100 mM NaCl, 5 mM DTT, 10% Glycerol
Description:	DnaJ(amino acids 1-376) was overexpressed in E. coli and purified to apparent homogeneity by using conventional column chromatography techniques. AA Sequence: MAKQDYIEIL GVSKTAEHE IRKAYKRLAM KYHPDRNQGD KEAEAKFKEI KEAYEVLTD QKRAAYDQYG HAAFEQGGMG GGGFGGGADF SDIFGDVFGD IFGGGRGRQR AARGADLRYN MELTLEEAVR GVTKEIRIPT LEECDVCHGS GAKPGTQPQT CPTCHGSGQV QMRQGFFAVQ QTCPHCQGRG TLIKDPCKNC HGHGRVERSK TLSVKIPAGV DTGDRIRLAG EGEAGEHGAP AGDLYVQVQV KQHPIFEREG NNLYCEVPIN FAMAALGGEI EVPTLDGRVK LKVPGETQTG KLFRMRGKGV KSVRGGAQGD LLCRVVETP VGLNERQKQL LQELQESFGG PTGEHNSPRS KSFFDGVKKF FDDLTR Molecular weight: 41 kDa (376 amino acids)
Storage:	Store (in aliquots) at -20°C. Avoid repeated freezing and thawing. Shelf life: one year from despatch.
General Readings:	Bardwell,J.C., et al (1986) J.Biol.Chem.261(4);1782-1785. Ohki M.,et al (1986) J.Biol.Chem.261(4);1778-1781. Zylicz M., et.al.(1989) EMBO J 8(5)1601-8. Landry SJ (2003) Biochemistry 42(17)4926-36.

Pictures:



Recombinant DnaJ (aa 1-376): 13% SDS-PAGE

