

Product datasheet for SA6028X

DNAJ / HSP40 (1-376) Escherichia coli Protein

Product data:

Product Type:	Recombinant Proteins
Description:	DNAJ / HSP40 (1-376) e. coli protein, 0.5 mg
Species:	Escherichia coli
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	MAKQDYEIL GVSKTAEHE IRKAYKRLAM KYHPDRNQGD KEAEAKFKEI KEAYEVLTD QKRAAYDQYG HAAFEQGGMG GGGFGGGADF SDIFGDVFGD IFGGGRGRQR AARGADLRYN MELTLEEAVR GVTKEIRIPT LEECDVCHGS GAKPGTQPQT CPTCHGSGQV QMRQGFFAVQ QTCPHCQGRG TLIKDPCNKC HGHGRVERSK TLSVKIPAGV DTGDRIRLAG EGEAGEHGAP AGDLYVQVQV KQHPIFEREG NNLYCEVPIN FAMAALGGEI EVPTLDGRVK LKVPGETQTG KLFRMRGKGV KSVRGGGAQGD LLCRVVETP VGLNERQKQL LQELQESFGG PTGEHNSPRS KSFFDGVKKF FDDLTR
Predicted MW:	41 kDa
Concentration:	lot specific
Purity:	>95% by SDS-PAGE
Buffer:	Presentation State: Purified State: Liquid purified protein Buffer System: 25 mM Tris-HCl, pH 7.5, 100 mM NaCl, 5 mM DTT, 10% Glycerol
Preparation:	Liquid purified protein
Protein Description:	DnaJ(amino acids 1-376) was overexpressed in E. coli and purified to apparent homogeneity by using conventional column chromatography techniques.
Storage:	Store (in aliquots) at -20°C. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Synonyms:	Heat shock protein J, groP, b0015, JW0014
Summary:	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.



[View online »](#)

Product images:

