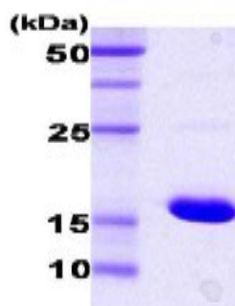


## dnak

### Recombinant *E. coli* DNAK (aa 385-546)

<b>Catalog No.</b>	CSI15610A CSI15610B	<b>Quantity:</b>	100 µg 500 µg
<b>Alternate Names:</b>	ECK0014, JW0013, groPAB, groPC, groPF, grpC, grpF, seg		
<b>Description:</b>	DNAK, originally identified for its DNA replication by bacteriophage lamda in <i>E. coli</i> is the bacterial hsp70 chaperone. The protein coding region of the substrate binding domain of DNAK (amino acids 385-546) was amplified by PCR and cloned into an <i>E. coli</i> expression vector. The substrate binding domain of DNAK was overexpressed in <i>E. coli</i> and the recombinant protein was purified to apparent homogeneity by using conventional column chromatography techniques. Additional amino acid(Met) is attached at N-terminus.		
<b>Concentration:</b>	1 mg/ml (determined by Bradford assay)		
<b>Gene ID:</b>	944750		
<b>Protein Accession No:</b>	NP_414555		
<b>Source:</b>	<i>E. coli</i>		
<b>Molecular Weight:</b>	17.7kDa (163aa)		
<b>Formulation:</b>	Liquid. In 25 mM Tris-HCl buffer (pH 7.5) containing 1 mM EDTA, 2 mM β-mercaptoethanol		
<b>Purity:</b>	> 95% by SDS - PAGE		
<b>Amino Acid Sequence:</b>	MDVKDVLLLD VTPLSLGIET MGGVMTTLIA KNTTIPTKHS QVFSTAEDNQ SAVTIHVLQG ERKRAADNKS LGQFNLDGIN PAPRGMPQIE VTFDIDADGI LHVSADKNS GKEQKITIKA SSSLNEDEIQ KMVRDAEANA EADRKFEELV QTRNQGDHLL HST		
<b>Storage &amp; Stability:</b>	Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -80°C. <b>Avoid repeated freezing and thawing cycles.</b>		



15% SDS-PAGE (3µg)

NOT FOR HUMAN USE. FOR RESEARCH ONLY. NOT FOR DIAGNOSTIC OR THERAPEUTIC USE.



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