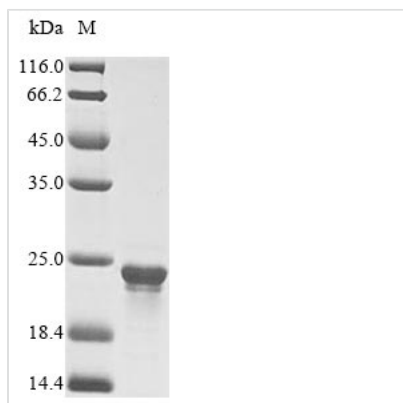




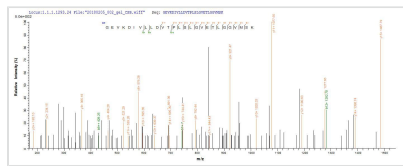
Recombinant *Cyanophora paradoxa* Chaperone protein dnaK (dnaK-A), partial

Product Code	CSB-EP656399DZX
Relevance	Acts as a chaperone.
Abbreviation	Recombinant <i>Cyanophora paradoxa</i> dnaK-A protein, partial
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
Uniprot No.	Q37106
Product Type	Recombinant Protein
Immunogen Species	<i>Cyanophora paradoxa</i>
Purity	≥ 85% as determined by SDS-PAGE.
Sequence	GEVKDIVLLDVTPLSLGVETLGGVMSKIIVRNTTIPTQKSELFSTATDGQTNVEIH VLQGERGFAKDNKSLGTFRLDGIAPAPRGVVPQIEVTFDIDANGILSVTAKDKGT GKEKSITITGASTLSQDEVERMVQAEKNAAQDKENRQKIELRNQAE
Research Area	Signal Transduction
Source	E.coli
Target Names	dnaK-A
Protein Names	HSP70 Heat shock 70 kDa protein Heat shock protein 70
Expression Region	377-533aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	N-terminal 10xHis-tagged and C-terminal Myc-tagged
Mol. Weight	21.9 kDa
Protein Length	Partial

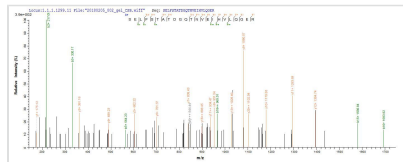
Image



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.



Based on the SEQUEST from database of E.coli host and target protein, the LC-MS/MS Analysis result of CSB-EP656399DZX could indicate that this peptide derived from E.coli-expressed *Cyanophora paradoxa* dnaK-A.



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Reconstitution

We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

Shelf Life

The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself.

Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.