

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

Catalog No: #AP77954

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Package Size: #AP77954-1 20ug #AP77954-2 100ug #AP77954-3 1mg

Description

Product Name	Recombinant <i>Cyanophora paradoxa</i> Chaperone protein dnaK(dnaK-A),partial
Brief Description	Recombinant Protein
Host Species	<i>E. coli</i>
Purification	Greater than 85% as determined by SDS-PAGE.
Immunogen Description	Expression Region:377-533aaSequence Info:Partial
Other Names	HSP70 Heat shock 70 kDa protein Heat shock protein 70
Accession No.	Q37106
Uniprot	Q37106
GeneID	801616;801637;
Calculated MW	21.9 kDa
Tag Info	N-terminal 10xHis-tagged and C-terminal Myc-tagged
Target Sequence	GEVKDIVLLDVTPLSLGVETLGGVMSKIIVRNTTIPTQKSELFSTATDGQTNVEIHVLQGERGFAKDNKSLGTFR LDGIAPAPRGVPQIEVTFDIDANGILSVTAKDKGTGKEKSITITGASTLSQDEVERMVQEA EKNAAQDKENRQKI ELRNQAE
Formulation	Tris-based buffer50% glycerol
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.Notes:Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.

Background

Acts as a chaperone.

References

"The complete sequence of the cyanelle genome of *Cyanophora paradoxa*: the genetic complexity of a primitive plastid."

Loeffelhardt W., Stirewalt V.L., Michalowski C.B., Annarella M., Farley J.Y., Schluchter W.M., Chung S., Newmann-Spallart C., Steiner J.M., Jakowitsch J., Bohnert H.J., Bryant D.A.

(In) Schenk H.E.A., Herrmann R., Jeon K.W., Mueller N.E., Schwemmler W. (eds.); Eukaryotism and symbiosis, pp.40-48, Springer-Verlag, Heidelberg (1997)Research Topic:Signal Transduction

Note: This product is for in vitro research use only