



Recombinant *Synechococcus elongatus* Nitrate transport protein NrtA (nrtA)

Product Code	CSB-BP327769FPY
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.	P38043
Product Type	Recombinant Protein
Immunogen Species	<i>Synechococcus elongatus</i> (strain PCC 7942) (<i>Anacystis nidulans</i> R2)
Purity	>85% (SDS-PAGE)
Sequence	DTTGSTS TPAPSGTSGG DAPEVKGVTL GFIALTDAAP VIIALEKGLF AKYGLPDTKV VKQTSWAVTR DNLELGSDRG GIDGAHILSP MPYLLTAGTI TKSQKPLPMY ILARLNTQGG GISLSNEFLA EKVQIKDPKL KAIADQKKAS GKLLKAAVTF PGGTHDLWMR YWLAANGIDP NNDADLVVIP PPQMVANMQT GTMDTFCVGE PWNARLVNKK LGYTAAVTGE LWKFHPEKAL TIRADWADKN PKATMALLKA VQEAQIWCD PANLDELQCI TAQDKYFKTS VEDIKPRLQG DIDYGDGRSV KNSDLRMRFW SENASFPYKS HDLWFLTEDI RWGYLPASTD TKALIEKVN RSDLWREAAKA IGREQDIPAS DSRGVETFFD GVTFDPENPQ AYLDGLKFKA IKA
Source	Baculovirus
Target Names	nrtA
Protein Names	Recommended name: Nitrate transport protein NrtA
Expression Region	34-443
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	Full Length of Mature Protein
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.