



Recombinant Nostoc punctiforme Argininosuccinate lyase (argH)

Product Code	CSB-MP002213NHQ
Abbreviation	argH
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.	Q9LAE5
Product Type	Recombinant Protein
Immunogen Species	Nostoc punctiforme (strain ATCC 29133 / PCC 73102)
Purity	>85% (SDS-PAGE)
Sequence	MTKEQTSWQR FESALHPAIA RFNASIGFDI ELIEYDLTGS QAHA KMLAHT GIISSEEGEQ LVAGLEQIRQ EHRQGGK FHPG VDAEDVHFAV EKRLTEIVGD VGKKLHTARS RNDQVGT DTR LYLRDQIQQI KSELREFQGV LLDIAEKHVE TLIPGYTHLQ RAQPVSLAHH LLAYFQMAQR DWERLGDVSR RVNISPLGCG ALAGTTFPID RHYTAKLLDF DNIYANSLDG VSDRDF AIEF LCAASLIMVH LSRLAEEVIL WSSEEF RVI LK DSCATGSS IMPQKKNPDV PELVRGKTGR VFGHLQAMLV IMKGLPLAYN KDLQEDKEGL FDSVNTVKAS LEAMTILLRE GLEFRTQRLA QAVTEDFSNA TDVADYLAAR GVPFREAYNL VGKVVKTSIA AGKLLKDLEL EEWQQLHPAF AADIYE AISP RQVVAARN SH GGTGFVQVSK ALIAARAQID Q
Source	Mammalian cell
Target Names	argH
Protein Names	Recommended name: Argininosuccinate lyase Short name= ASAL EC= 4.3.2.1 Alternative name(s): Arginosuccinase
Expression Region	1-461
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 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.