



# Recombinant Nostoc punctiforme Argininosuccinate lyase (argH)

<b>Product Code</b>	CSB-EP002213NHQ-B
<b>Abbreviation</b>	argH
<b>Storage</b>	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.
<b>Uniprot No.</b>	Q9LAE5
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Nostoc punctiforme (strain ATCC 29133 / PCC 73102)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	MTKEQTSWSQR FESALHPAIA RFNASIGFDI ELIEYDLTGS QAHA KMLAHT GIISSEEGEQ LVAGLEQIRQ EHRQGGK FHPG VDAEDVHFAV EKRLTEIVGD VGKKLHTARS RNDQVGT DTR LYLRDQIQQI KSELREFQGV LLDIAEKHVE TLIPGYTHLQ RAQPVS LAHH LLAYFQMAQR DWERLGDVSR RVNISPLGCG ALAGTTFPID RHYTAKLLDF DNIYANSLDG VSDRDF AIEF LCAASLIMVH LSRLAEEVIL WSSEEF R FVI LK DSCATGSS IMPQKKNPDV PELVRGKTGR VFGHLQAMLV IMKGLPLAYN KDLQEDKEGL FDSVNTVKAS LEAMTILLRE GLEFRTQRLA QAVTEDFSNA TDVADYLAAR GVPFREAYNL VGKVVKTSIA AGKLLKDLEL EEWQQLHPAF AADIYE AISP RQVVAARN SH GGTGFVQVSK ALIAARAQID Q
<b>Source</b>	E.coli
<b>Target Names</b>	argH
<b>Protein Names</b>	Recommended name: Argininosuccinate lyase Short name= ASAL EC= 4.3.2.1 Alternative name(s): Arginosuccinase
<b>Expression Region</b>	1-461
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	Tag type will be determined during the manufacturing process.
<b>Protein Length</b>	full length protein
<b>Reconstitution</b>	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.
<b>Shelf Life</b>	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.