



Recombinant Alginate Lyase (alyA)

Product Code	CSB-EP682404KBG-B
Abbreviation	alyA
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.	Q59478
Product Type	Recombinant Protein
Immunogen Species	Klebsiella pneumoniae
Purity	≥85% (SDS-PAGE)
Sequence	AVPAPGDKFE LSGWSLSVPV DSDNDGKADQ IKEKTLAAGY RNSDFFTLSD AGGMVFKAPI SGAKTSKNTT YTRSELREML RKGDTSIATQ GVSRNNWVLS SAPLSEQKKA GVDGTLEAT LSVDHVTTTG VNWQVGRVII QQIHANNDEP IRLYYRKLPH HQKGSVYFAH EPRKGFGEQ WYEMIGTLQP SHGNQTAAPT EPEAGIALGE TFSYRIDATG NKLTVTLMRE GRPDVVKTV DMSKSGYSEAG QYLYFKAGVY NQNKTGKPDD YVQATFYRLK ATHGAQR
Source	E.coli
Target Names	alyA
Protein Names	Recommended name: Alginate lyase EC= 4.2.2.3 Alternative name(s): Poly(beta-D-mannuronate) lyase Poly(mana) alginate lyase
Expression Region	21-307
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.