



Recombinant Azotobacter vinelandii Alginate lyase (algL)

Product Code	CSB-EP524422DPX-B
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.	O52195
Product Type	Recombinant Protein
Immunogen Species	Azotobacter vinelandii
Purity	≥85% (SDS-PAGE)
Sequence	AEALVPP KGYYPVDIR KGEAPACPVV PEPFTGELVF RSKYEGSDAA RSTLNEEAEK AFRTKTAPIT QIERGVSRMV MRYMEKGRAG DLECTLAWLD AWAEDGALLT TEYNHTGKSM RKWALGSLAG AYLRKFSSS QPLAAYPEQA RRIESWFAKV GDQVIKDWSD LPLKRINNHS YWAAWAVMAA GVATNRRPLF DWAVEQFHIA AGQVDSNGFL PNELKRRQRA LAYHNYSLPP LMMVAAFALA NGVDLRGDND GALGRLAGNV LAGVEKPEPF AERAGDEDQD MEDLETDAKF SWLEPYCALY SCSPALRERK AEMGPFKNFR LGGDVTRIFD PAEKSPRSTV GKRD
Source	E.coli
Target Names	algL
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	24-374
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.