



# Recombinant Azotobacter vinelandii Alginate lyase (algL)

<b>Product Code</b>	CSB-EP524422DPX-B
<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>	O52195
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Azotobacter vinelandii
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	AEALVPP KGYYPVDIR KGEAPACPVV PEPFTGELVF RSKYEGSDAA RSTLNEEAEK AFRTKTAPIT QIERGVSRMV MRYMEKGRAG DLECTLAWLD AWAEDGALLT TEYNHTGKSM RKWALGSLAG AYLRKFSSS QPLAAYPEQA RRIESWFAKV GDQVIKDWSL LPLKRINNHS YWAAWAVMAA GVATNRRPLF DWAVEQFHIA AGQVDSNGFL PNELKRRQRA LAYHNYSLPP LMMVAAFALA NGVDLRGDND GALGRLAGNV LAGVEKPEPF AERAGDEDQD MEDLETDAKF SWLEPYCALY SCSPALRERK AEMGPFKNFR LGGDVTRIFD PAEKSPRSTV GKRD
<b>Source</b>	E.coli
<b>Target Names</b>	algL
<b>Protein Names</b>	Recommended name: Alginate lyase EC= 4.2.2.3 Alternative name(s): Poly(beta-D-mannuronate) lyase Poly(mana) alginate lyase
<b>Expression Region</b>	24-374
<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 of Mature 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.