

Recombinant *A. vinelandii* algL Protein, His-SUMO/MYC-tagged

Cat. No. algL-1113A **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant <i>Azotobacter vinelandii</i> algL Protein (24-374aa) was expressed in <i>E. coli</i> with N-terminal 10xHis-SUMO-tag and C-terminal Myc-tag.
Species	<i>A.vinelandii</i>
Source	<i>E.coli</i>
ProteinLength	24-374 a.a.
Form	Tris-based buffer, 50% glycerol.
Molecular Mass	59.0 kDa
AA Sequence	AEALVPPKGYYPVDIRKGEAPACPVVPEPFTGELVFRSKYEGSDAARSTLNEEAEK AFRTKTAPITQIERGVSRMVMRYMEKGRAGDLECTLAWLDAWAEDGALLTTEYNHT GKSMRKWALGSLAGAYLRLKFSSSQPLAAYPEQARRIESWFAKVGDQVIKDWSDLP LKRINNHSYWAAWAVMAAGVATNRRPLFDWAVEQFHIAAGQVDSNGFLPNELKRR QRALAYHNYSLPPLMMVAAFALANGVDLRGDNDGALGRLAGNVLAGVEKPEPFAE RAGDEDQDMEDLETDAKFSWLEPYCALYSCSPALRERKAEMGPFGNFRLGGDVTR IFDPAEKSPRSTVGKRD
Purity	Greater than 90% as determined by SDS-PAGE.
Storage	The shelf life of liquid form is 6 months at -20 centigrade/-80 centigrade. The shelf life

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of lyophilized form is 12 months at -20 centigrade/-80 centigrade.

GENE INFORMATION

Gene Name	Poly(beta-D-mannuronate) lyase
Official Symbol	algL
Synonyms	algL; poly(beta-D-mannuronate) lyase; Alginate lyase; EC= 4.2.2.3; Poly(mana) alginate lyase
UniProt ID	O52195

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