

Recombinant Full Length Alginate Biosynthesis Sensor Protein Kinb(Kinb) Protein, His-Tagged

Cat. No. RFL3429PF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Alginate biosynthesis sensor protein kinB(kinB) Protein (O34206) (1-595aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Pseudomonas aeruginosa
Source	E.coli
ProteinLength	Full Length (1-595)
Form	Lyophilized powder
AA Sequence	MSMPLPMKLRLTRFLSISALITVSLFGLLLGLFSVMQLGRAQEQRMSHHYATIEVSQQ LR QLLGDQLVILLRETPDGQALERSQNDFRRVLEQGRANTVDSAEQAALDGVRDAY LQLQAH TPALLEAPMVDNDGFSEAFNGLRLRLQDLQQLALAGISDAETSARHRAYL VAGLLGLVGV AILLIGFVTAHSIARRFGAPIETLARAADRIGEGDFDVTLPMTNVAEV GQLTRRFGLMAE ALRQYRKTSVEEVLSGERRLQAVLDSIDDGLVIFDNQGRIEHAN PVAIRQLFVSNDPHGK RIDEILSDVDVQEAVEKALLGEVQDEAMPDLVVDVAGESRL LAWSLYPVTHPGGHSVGAV LVVRDVTEQRAFERVRSEFVLRASHEL RTPVTGMQM AFSLLRERLDFPAESREADLIQTV DEEMSRLVLLINDLLNFSRYQTGMQKLELASCD LVDLLTQAQQRFIPKGEARRVSLQLEL GDELPRQLDRLQIERVIDNLLLENALRHSSE GGQIHLQARRQGDRVLIAVEDNGEGIPFS QQGRIFEPFVQVGRKKGGAGLGLELCK EIIQLHGGRIAVRSQPGQGARGFYMLLPV
Purity	Greater than 90% as determined by SDS-PAGE.

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Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.
Storage Buffer	Tris/PBS-based buffer, 6% Trehalose, pH 8.0
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.

GENE INFORMATION

Gene Name	kinB
Synonyms	kinB; Alginate biosynthesis sensor protein KinB
UniProt ID	O34206

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