9051 Mira Mesa Blvd, #910094
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Tel: 760-390-3989

SecB

Protein Export Protein SecB Recombinant
RCP2018

Product Overview

Name	SecB
Description	
Protein Export Protein SecB Recombinant	
Accession (Primary)	P0AG86
Synonyms	
Protein-export protein secB, secB, b3609, JW3584.	
Introduction	
SecB, a significant chaperone that takes part in protein export, binds various ligands rapidly with high affinity and low specificity. SecB plays an important role during protein export through the general secretory pathway by modulating the partitioning of precursors between folding or aggregation and delivery to the membrane-bound translocation apparatus. SecB has the potential to take part in functions outside of export acting as a universal nonspecific chaperone to provide buffering capacity of the nonnative state of proteins in the cytosolic pool.	
Source	
Escherichia Coli.	
Physical Appearance	
Sterile Filtered colorless solution.	
Formulation	
The SecB protein solution (1mg/ml) contains 20mM Tris-HCl pH-8 and 10% glycerol.	
Stability	
Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.	
Purity	
Greater than 95.0% as determined by SDS-PAGE.	
Amino acid sequence	
MSEQNNTEMT FQIQRIYTKD ISFEAPNAPH VFQKDWQPEV KLDLDTASSQ LADDVYEVVL RVTVTASLGE ETAFLCEVQQ GGIFSIAGIE GTQMAHCLGA YCPNILFPYA RECITSMVSR GTFPQLNLAP VNFDALFMNY LQQQAGEGTE EHQDA.	
Precautions	

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SecB is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (P0AG86)