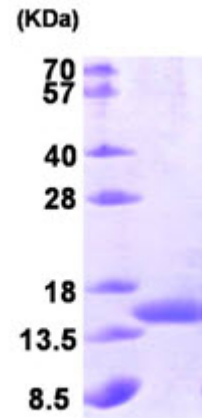
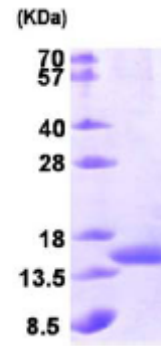


AR09199PU-N**E. coli secB (1-155) - Purified**

Alternate names:	Protein-export protein SecB
Quantity:	0.1 mg
Concentration:	1 mg/ml (determined by Bradford assay)
Background:	SecB, a remarkable chaperone involved in protein export, binds diverse ligands rapidly with high affinity and low specificity. It plays a crucial role during protein export via 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 participate in functions outside of export acting as a general nonspecific chaperone to provide buffering capacity of the nonnative state of proteins in the cytosolic pool.
Uniprot ID:	POAG86
NCBI:	NP_418066
GeneID:	948123
Species:	E. coli
Source:	E. coli
Format:	State: Liquid purified protein Purity: >95% by SDS - PAGE Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 10% glycerol
Description:	Recombinant E.coli SecB protein was expressed in E.coli and purified by using conventional chromatography. AA Sequence: MSEQNNT EMT FQIQRIYTKD ISFEAPNAPH VFQKDWQPEV KLDLDTASSQ LADDVYEVVL RVTVTASLGE ETAF L CEVQQ GGIFSIAGIE GTQMAHCLGA YCPN IL FPYA RECITSMVSR GTFPQLNLAP VNF D ALFMNY LQQQAGEGTE EHQDA Molecular weight: 17.2 kDa (155 aa)
Storage:	Store undiluted at 2-8°C for up to two weeks or (in aliquots) at -20°C or -70°C for longer. Avoid repeated freezing and thawing. Shelf life: one year from despatch.
General Readings:	Driessen AJ., et al. (2008), Annu Rev Biochem. 77:643-67. Bechtluft P., et al. (2007). Science. 318(5855):1458-61.

Pictures:

SecB, 1-155 aa E.coli, recombinant: 15%
SDS-PAGE (3 µg)



15% SDS-PAGE (3µg)