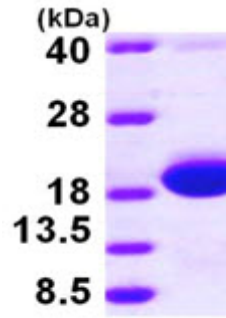


AR09526PU-L**E. coli skp (21-161, His-tag) - Purified**

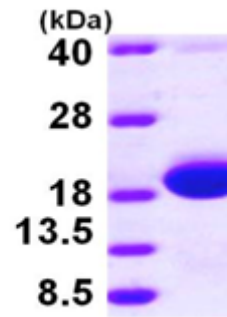
Alternate names:	Chaperone protein skp, DNA-binding 17 kDa protein, HLP-1, Histone-like protein HLP-1, Seventeen kilodalton protein, hlpA, ompH
Quantity:	0.5 mg
Concentration:	1.0 mg/ml (determined by Bradford assay)
Background:	The Seventeen Kilodalton Protein (Skp) is a trimeric periplasmic chaperone that assists outer membrane proteins in their folding and insertion into membranes. This protein required for the efficient release of ompA from the inner membrane, the maintenance of its solubility in the periplasm, and, in association with lipopolysaccharide (LPS), for the efficient folding and insertion of ompA into the outer membrane.
Uniprot ID:	POAEU7
NCBI:	NP_414720
GeneID:	944861
Species:	E. coli
Source:	E. coli
Format:	State: Liquid purified protein Purity: >95% by SDS - PAGE Buffer System: 20mM Tris-HCl buffer (pH 8.0) containing 20% glycerol
Description:	Recombinant E.coli Skp, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques. AA Sequence: <u>MGSSHHHHHH</u> SSGLVPRGSH MADKIAIVNM GSLFQQVAQK TGVSNTLENE FKGRASELQR METDLQAKMK KLQSMKAGSD RTKLEKDVMA QRQTFAQKAQ AFEQDRARRS NEERGLKLVTR IQTAVKSVAN SQDIDLVVDA NAVAYNSSDV KDITADVLKQ VK Molecular weight: 17.9 kDa (162aa), confirmed by MALDI-TOF
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:	Korndörfer IP., et al. (2004) Nat Struct Mol Biol. 11(10):1015-20 Walton TA., et al. (2004) Mol Cell. 15(3):367-74.

Pictures:



15% SDS-PAGE (3ug)

Recombinant E. coli skp, 21- 161 aa, His-tagged



15% SDS-PAGE (3ug)