

Recombinant E.coli Periplasmic Chaperone, His-tagged

Cat. No. Skp-2573E **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant E.coli Skp, fused to His-tag at N-terminus, was expressed in <i>E.coli</i> and purified by using conventional chromatography techniques. MW = 17.9 kDa (162aa).
Species	E.coli
Source	E.coli
Protein Length	21-161 a.a.
Description	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.
Sequences Of Amino Acids	MGSSHHHHHH SSGLVPRGSH MADKIAIVNM GSLFQQVAQK TGVSNLTENE FKGRASELQR METDLQAKMK KLQSMKAGSD RTKLEKDVMA QRQTFAQKAQ AFEQDRARRS NEERGKLVTR IQTAVKSVAN SQDIDLVDV NAVAYNSSDV KDITADVLKQ VK
Purity	> 95% by SDS – PAGE.
Form	Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 20% glycerol.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Concentration	1mg/ml (determined by Bradford assay).
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Storage	Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.
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GENE INFORMATION

Gene Name	skp periplasmic chaperone [<i>Escherichia coli</i> str. K-12 substr. MG1655]
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Synonyms	Skp; periplasmic chaperone; ECK0177; hlpA; JW0173; oomph; periplasmic molecular chaperone for outer membrane proteins
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Gene ID	944861
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Protein Refseq	NP_414720
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