

Product information



skp, 21- 161 aa

E.coli*, His-tagged, Recombinant, *E.coli

Cat. No. IBATGP0589

Full name: Chaperone protein skp

NCBI Accession No.: NP_414720

Synonyms: hlpA, ompH

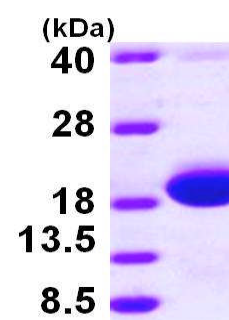
Description: The Seventeen Kilodalton Protein (Skp) is a trimeric periplasmic chaperone that assists outer membrane proteins in their folding and insertion into membranes. This protein required for the efficient release of ompA from the inner membrane, the maintenance of its solubility in the periplasm, and, in association with lipopolysaccharide (LPS), for the efficient folding and insertion of ompA into the outer membrane. Recombinant *E.coli* Skp, fused to His-tag at N-terminus, was expressed in *E.coli* and purified by using conventional chromatography techniques.

Form: Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 20% glycerol

Molecular Weight: 17.9 kDa (162aa), confirmed by MALDI-TOF

Purity: > 95% by SDS - PAGE

Concentration: 1mg/ml (determined by Bradford assay)



15% SDS-PAGE (3ug)

Sequences of amino acids:

MGSSHHHHHH SSGLVPRGSH MADKIAIVNM GSLFQQVAQK TGVSNTLENE FKGRASELQR METDLQAKMK KLQSMKAGSD RTKLEKDVMA
QRQTFAQKAQ AFEQDRARRS NEERGLVTR IQTAVKSVAN SQDIDLVVDA NAVAYNSSDV KDITADVLKQ VK

General references:

Korndörfer IP., *et al.* (2004) *Nat Struct Mol Biol.* 11(10):1015-20

Walton TA., *et al.* (2004) *Mol Cell.* 15(3):367-74.

WARNING: THIS PRODUCT IS NOT INTENDED OR APPROVED FOR HUMAN, DIAGNOSTICS OR VETERINARY USE. USE OF THIS PRODUCT FOR HUMAN OR ANIMAL TESTING IS EXTREMELY HAZARDOUS AND MAY RESULT IN DISEASE, SEVERE INJURY, OR DEATH.

Product information



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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