

Skp recombinant protein

Skp, 21-161aa, E Coli, His tag, E Coli

CATALOG # AAA11780	HOST E Coli	APPLICATIONS SDS-Page
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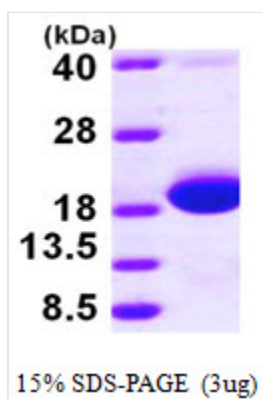
PRODUCT SYNONYMS

Skp; 21-161aa; E Coli; His tag; Chaperone protein skp; periplasmic chaperone; ompH; DNA binding 17 kDa protein; ECK0177; Histone like protein HLP 1; hlpA; JW0173; Seventeen kilodalton protein; Skp recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	> 95% by SDS-PAGE
Form/Format	Liquid. In 20mM Tris-HCl Buffer (pH 8.0) containing 20% glycerol
Concentration	1mg/ml (determined by Bradford assay) (varies by lot)
Sequence	MGSSHHHHH SSSLVPRGSH MADKIAIVNM GSLFQQVAQK TGVSNLTENE FKGRASELQR METDLQAKMK KLQSMKAGSD RTKLEKDVMA QRQTFAQKAQ AFEQDRARRS NEERGKLVTR IQTAVKSVAN SQDIDLVDVA NAVAYNSSDV KDTADVLKQ VK
Sequence Length	161
Applicable Applications for Skp recombinant protein	SDS-PAGE
Antigen Species	E Coli
Tag Information	His-tag
Domain	21-161aa
Preparation and Storage	Can be stored at +2C to +8C for 1 week. For long term storage, aliquot and store at -20C to -80C. Avoid repeated freezing and thawing cycles.

IMAGES



SDS-PAGE

3ug by SDS-PAGE under reducing condition and visualized by coomassie blue stain.

ADDITIONAL INFORMATION

Related Product Information for Skp recombinant protein	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.
Product Categories/Family for Skp recombinant protein	Heat Shock Proteins
References	Korndorfer IP., et al. (2004) Nat Struct Mol Biol. 11 (10):1015-20; Walton TA., et al. (2004) Mol Cell. 15 (3):367-74.

NCBI AND UNIPROT INFORMATION

NCBI GI #	16128171
NCBI GeneID	944861
NCBI Accession #	NP_414720
NCBI GenBank Nucleotide #	NC_000913.3
UniProt Accession #	P0AEU7; P11457
Molecular Weight	17.9 kDa (162aa), confirmed by MALDI-TOF
NCBI Official Full Name	periplasmic chaperone
NCBI Official Symbol	skp
NCBI Official Synonym Symbols	ECK0177; hlpA; JW0173; ompH
NCBI Protein Information	periplasmic chaperone
UniProt Protein Name	Chaperone protein Skp
UniProt Gene Name	skp
UniProt Synonym Gene Names	hlpA; ompH

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/skp-recombinant-protein-e-coli-sds-page/11780>