

Recombinant E. coli Tol2 protein, His-tagged

Cat. No. tolA-01E **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant protein of tolA was expressed in E. coli, with a His-Tag.
Species	E.coli
Source	E.coli
Description	Cell envelope integrity is stabilized by the Tol-Pal system linking inner and outer membranes. TolA is one of three (along with TolQ and TolR) inner membrane protein members of the YbgC-YbgF-TolQ-R-A-B-Pal Cell Envelope Complex, also known as the Tol-Pal system.
Form	Supplied as a 0.2 µm filtered solution in 10 mM HEPES, 300 mM KCl, pH 6.9.
Molecular Mass	~74kDa
AA Sequence	MHHHHHHEEVCDSSAAASSTVQNQPQDQEHWPYLRFFSLSGVNKDSFKMKCV LCLPLNKEISAFKSSPSNLRKHIERMHPNYLKNYSKLTAKRKIGTSTHASSSKQLKV DSVFPVKHVSPVTVNKAILRYIIQGLHPFSTVDLPSFKELISTLQPGISVITRPTLRSKIA EAALIMKQKVTAAMSEVEWIATTTDCWTARRKSFIGVTAHWINPGSLERHSAALACK RLMGSHTEVLASAMNDIHSEYEIRDKVVCTTTDSGSNFMKAFRVFGVENNDIETEA RRCESDDTDSEGCGEVSDGVEFQDASRVLDQDDGFEFQLPKHQKCACHLLNLVSS VDAQKALSNEHYKKLYRSVFGKCQALWNKSSRSALAAEAVESERLQLLRPNQTR WNSTFMAVDRILQICKEAGEGALRNICTSLEVPMFNPAMFLTEWANTMRPVAKVL DILQAETNTQLGWLLPSVHQLSLKLQRLHHSRLRYCDPLVDALQQGIQTRFKHMFEDP EIIAAAILLPKFRTSWTNDETIIKRGMDYIRVHLEPLDHHKELANSSSDDEFFASLKPT

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THEASKELDGYLACVSDTRESLLTFPAICSLSIKTNTPLPASAACERLFSTAGLLFSPK
RARLDTNNFENQLLLKLNLRFYNFE

Endotoxin < 1 EU/ug by the LAL method

Purity >90% as determined by SDS-PAGE

Storage Short Term Storage at 4 centigrade, Long Term, please prepare aliquots with 20% glycerol and store at -20 to -80 centigrade. Avoid freeze/thaw cycles.

GENE INFORMATION

Gene Name [tolA Tol-Pal system protein TolA \[Escherichia coli str. K-12 substr. MG1655 \]](#)

Official Symbol [tolA](#)

Synonyms cim; ECK0728; excC; lky; tol-2

Gene ID [946625](#)

Protein Refseq [NP_415267](#)

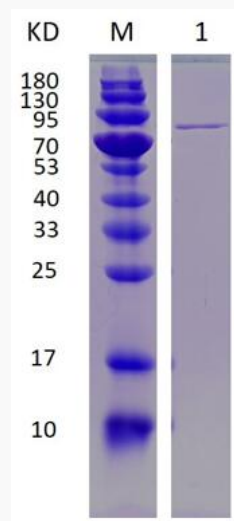
UniProt ID [P19934](#)

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SDS-PAGE



15% reducing SDS-PAGE analysis of purified TOL2 integrase

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