

Recombinant Escherichia coli (strain K12) lacZ protein, MBP&His-Avi-tagged, Biotinylated

Cat. No. lacZ-643E **Lot. No.** (See product label)

SPECIFICATION

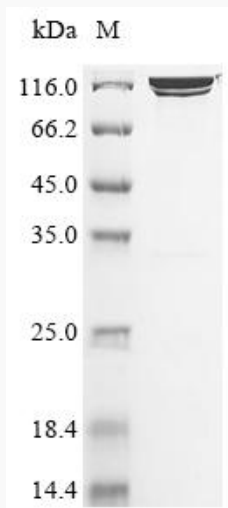
Product Overview	Biotinylated Recombinant Escherichia coli (strain K12) lacZ protein(P00722)(2-1024aa), fused with N-terminal MBP tag and C-terminal His and Avi tag, was expressed in E.coli.
Species	E.coli
Source	E.coli
ProteinLength	2-1024a.a.
Tag	MBP&His&Avi
Conjugation/Label	Biotin
Form	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.
Molecular Mass	164.1 kDa
Purity	Greater than 90% as determined by SDS-PAGE.
Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.

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Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C.
AA Sequence	TMITDSLAVVLQRRDWENPGVTQLNRLAAHPPFASWRNSEEARTDRPSQQLRSLN GEWRFAWFPAPEAVPESWLECDLPEADTVVVP SNWQMHGYDAPIYTNVTYPITVN PPFVPTENPTGCYSLTFNVDES WLQEGQTRIIFDGVNSAFHLWCNGRWVGYGQDS RLPSEFDLSAFLRAGENRLAVMVLRWSDGSYLE DQDMWRMSGIFRDVSL LHKPTT QISDFHVATR FNDDFSRAVLEAEVQMC GELRDYLRVTVSLWQGETQVASGTAPFG GEIIDERGGYADRVTLRLNVENPKLWSAEIPNLYRAVVELHTADGTLIEAEACDVGFR EVRIENGLLLLNGKPLLIRGVNRHEHHPLHGQVMDEQTMVQDILLMKQNNFNAVRC SHYPNHPLWYTLCDRYGLYVVDEANIETHGMVPMNRLTDDPRWLPAMSERVTRMV QRDRNHPSVIIWSLGNESGHGANHDALYRWIKSVDP SRPVQYEGGGADTTATDIICP MYARVDEDQPFPAVPKWSIKKWLSLPGETRPLILCEYAHAMGNSLGGFAKYWQAF RQYPRLQGGFVWDWVDQSLIKYDENG NPWSAYGGDFGDTPNDRQFCMNGLVFA DRTPHPALTEAKHQQQFFQFRLSGQTIEVTSEYLF RHSDNELLHWMVALDGKPLAS GEVPLDVAPQGKQLIELPELPQPESAGQLWLTVRVVQPNATAWSEAGHISAWQQW RLAENLSVTLP AASHAIPHLTTSEMDFCIELGNKRWQFN RQSGFLSQMWIGDKKQLL TPLRDQFTRAPLDNDIGVSEATRDPNAWVERWKAAGHYQAE AALLQCTADTLADA VLITTAHAWQHQGKTLFISRKTYRIDGSGQMAITVDVEVASDTPHPARIGLNCQLAQV AERNWLGLGPQENYPDRLTAACFDRWDLPLSDMYTPYVFPS ENGLRCGTRELN Y GPHQWRGDFQFNISRYSSQQQLMETSHRHLLHAE EGTWLNIDGFHMGIGGDDSW S PSVSAEFQLSAGRYHYQLVWCQK
Conjugation	Biotin

SDS-PAGE

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