



# Recombinant Escherichia coli Beta-galactosidase (lacZ), Biotinylated

<b>Product Code</b>	CSB-EP009476ENV-B
<b>Abbreviation</b>	Recombinant E.coli lacZ protein, Biotinylated
<b>Storage</b>	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
<b>Uniprot No.</b>	P00722
<b>Form</b>	Liquid or Lyophilized powder
<b>Storage Buffer</b>	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.
<b>Product Type</b>	Recombinant Escherichia coli Beta-galactosidase(lacZ), Biotinylated
<b>Immunogen Species</b>	Escherichia coli (strain K12)
<b>Purity</b>	≥ 90% as determined by SDS-PAGE.
<b>Sequence</b>	<p>           TMITDSLAVVLQRRDWENPGVTQLNRLAAHPPFASWRNSEEARTDRPSQQLR            SLNGEWRFAWFPAPEAVPESWLECDLPEADTVVPSNWQMHGYDAPIYTNV            TYPITVNPFFVPTENPTGCYSLTFNVDES WLQEGQTRIIFDGVNSAFHLWCNG            RWVGYGQDSRLPSEFDLSAFLRAGENRLAVMVLRWSDGSYLEDDQDMWRMS            GIFRDVSL LHKPTTQISDFHVATR FNDDFSRAVLEAEVQMCGELRDYLRVTVSL            WQGETQVASGTAPFGGEIIDERGGYADRVT LRLNVENPKLWSAEIPNLYRAVV            ELHTADGTLIEAEACDVGFREVRIENGLLLLNGKPLLIRGVNRHEHHPLHGQVM            DEQTMVQDILLMKQNNFNVRCSHYPNHPLWYTLCDRYGLYVVDEANIETHG            MVPMNRLTDDPRWLPAMSERVTRMVQRDRNHPSVIIWSLGNESGHGANHDA            LYRWIKSVDPSPRVQYEGGGADTTATDIICPMYARVDEDQFPAPV PKWSIKKW            LSLPGETRPLILCEYAHAMGNSLGGFAKYWQAFRQY PRLQGGFVWDWVDQS            LIKYDENG NPWSAYGGDFGDTPNDRQFCMNGLVFADRTPHPALTEAKHQQQ            FFQFRLSGQTIEVTSEYLF RHSDNELLHWMVALDGKPLASGEVPLDVAPQ GK            QLIELPELPQPESAGQLWLTVRV VQPNATAWSEAGHISAWQQWRLAENLSVT            LPAASHAIPHLT TSEMDFCIELGNKRWQFN RQSGFLSQMWIGDKKQLLTPLRD            QFTRAPLDNDIGVSEATR IDPNAWVERWKAAGHYQAE AALLQCTADTLADAVL            ITTAHAWQH QGKTLFISRKTYRIDGSGQMAITVDVEVASDTPH PARIGLNCQLA            QVAERNWLGLGPQENYPDRLTAACFDRWDLPLSDMYTPYVFPSENGLR CG            TRELNYGPHQWRGDFQFNISRY SQQLMETS HRHLLHAE EGTWLNIDGFHM            GIGGDDSWSPSVSAEFQLSAGRYHYQLVWCQK         </p>
<b>Research Area</b>	Tags & Cell Markers
<b>Source</b>	E.coli
<b>Target Names</b>	lacZ
<b>Expression Region</b>	2-1024aa



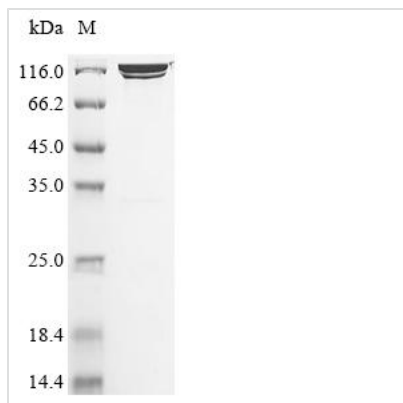
**Notes** Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.

**Tag Info** N-terminal MBP-tagged and C-terminal 6xHis-Avi-tagged

**Mol. Weight** 164.1 kDa

**Protein Length** Full Length of Mature Protein

**Image**



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

**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. Our default final concentration of glycerol is 50%. Customers could use it as reference.

**Shelf Life** The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.