



Recombinant Escherichia coli Beta-galactosidase (lacZ), Biotinylated

Product Code	CSB-EP009476ENV-B
Abbreviation	Recombinant E.coli lacZ protein, Biotinylated
Storage	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.
Uniprot No.	P00722
Form	Liquid or Lyophilized powder
Storage Buffer	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.
Product Type	Recombinant Escherichia coli Beta-galactosidase(lacZ), Biotinylated
Immunogen Species	Escherichia coli (strain K12)
Purity	Greater than 90% as determined by SDS-PAGE.
Sequence	<p> TMITDSLAVVLQRRDWENPGVTQLNRLAAHPPFASWRNSEEARTDRPSQQLR SLNGEWRFAWFPAPEAVPESWLECDLPEADTVVPSNWQMHGYDAPIYTNV TYPITVNPFFVPTENPTGCYSLTFNVDESWLQEGQTRIIFDGVNSAFHLWCNG RWVGYGQDSRLPSEFDLSAFLRAGENRLAVMVLRWSDGSYLEDDQDMWRMS GIFRDVSLHLKPTTQISDFHVATRFDNDFSRVLEAEVQMCGELRDYLRVTVSL WQGETQVASGTAPFGGEIIDERGGYADRVTLRNLNVENPKLWSAEIPNLYRAVV ELHTADGTLIEAEACDVGFREVRIENGLLLLNGKPLLIRGVNRHEHHPLHGQVM DEQTMVQDILLMKQNNFNAVRC SHYPNHPLWYTLCDRYGLYVVDEANIETHG MVPMNRLTDDPRWLPAMSERVTRMVQRDRNHPSVIIWVSLGNESGHGANHDA LYRWIKSVDPSPRVQYEGGGADTTATDIICPMYARVDEDDQFPAPVKWSIKKW LSLPGETRPLILCEYAHAMGNSLGGFAKYWQAFRQYPRQLQGGFVWDWVDQS LIKYDENGNPWSAYGGDFGDTPNDRQFCMNGLVFADRTPHPALTEAKHQQQ FFQFRLSGQTIEVTSEYLFRHSDNELLHWMVALDGKPLASGEVPLDVAPQ GK QLIELPELPQPESAGQLWLTVRVVQPNATAWSEAGHISAWQQWRLAENLSVT LPAASHAIPHLTTSEMDFCIELGNKRWQFNRSQSGFLSQMWIGDKKQLLTPLRD QFTRAPLDNDIGVSEATRDPNAWVERWKAAGHYQAEAAALLQCTADTLADAVL ITTAHAWQHQGKTLFISRKTYRIDGSGQMAITVDVEVASDTPHPARIGLNCQLA QVAERNWLGLGPQENYPDRLTAACFDRWDLPLSDMYTPYVFPSENGLR CG TRELNYGPHQWRGDFQFNISRYSSQQQLMETSHRHLLHAEEGTWLNIDGFHM GIGGDDSWSPSVSAEFQLSAGRYHYQLVWCQK </p>
Research Area	Tags & Cell Markers
Source	E.coli
Target Names	lacZ
Expression Region	2-1024aa



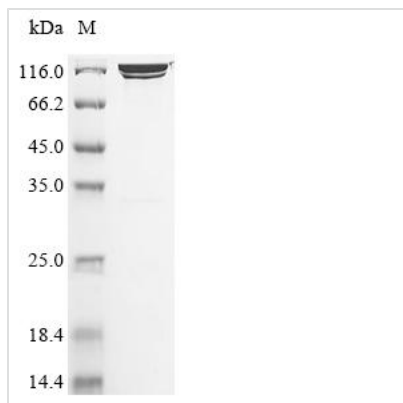
Notes Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.

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.