



Recombinant Escherichia coli Beta-galactosidase (lacZ)

Product Code	CSB-MP009476ENV
Abbreviation	Recombinant E.coli lacZ protein
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
Storage Buffer	Tris-based buffer,50% glycerol
Product Type	Recombinant Proteins
Immunogen Species	Escherichia coli (strain K12)
Purity	Greater than 90% as determined by SDS-PAGE.
Sequence	TMITDSLAVVLQRRDWENPGVTQLNRLAAHPPFASWRNSEEARTDRPSQQLR SLNGEWRFAWFPAPPEAVPESWLECDLPEADTVVPSNWQMHGYDAPIYTNV TYPITVNPFFVPTENPTGCYSLTFNVDES WLQEGQTRIIFDGVNSAFHLWCNG RWVGYGQDSRLPSEFDLSAFLRAGENRLAVMVLRWSDGSYLEDDQDMWRMS GIFRDVSL LHKPTTQISDFHVATRFNDDFSRAVLEAEVQMC GELRDYLRVTVSL WQGETQVASGTAPFGGEIIDERGGYADRVT LRLNVENPKLWSAEIPNLYRAVV ELHTADGTLIEAEACDVGFREVRIENGLLLLNGKPLLIRGVNRHEHHPLHGQVM DEQTMVQDILLMKQNNFNAVRC SHYPNHPLWYTLCDRYGLYVVDEANIETHG MVPMNRLTDDPRWLPAMSERVTRMVQRDRNHPSVIWISLGNESGHGANHDA LYRWIKSVDP SRPVQYEGGGADTTATDIICPMYARVDEDQPFPAVPKWSIKKW LSLPGETRPLILCEYAHAMGNSLGGFAKYWQAFRQYPRLQGGFVWDWVDQS LIKYDENGNPWSAYGGDFGDT PNDRQFCMNGLVFADRTPHPALTEAKHQQQ FFQFRLSGQTIEVTSEYLFRHSDNELLHWMVALDGKPLASGEVPLDVAPQ GK QLIELPELPQPESAGQLWLTVRVVPNATAWSEAGHISAWQQWRLAENLSVT LPAASHAIPHLTTSEMDFCIELGNKRWQFN RQSGFLSQMWIGDKKQLLTPLRD QFTRAPLDNDIGVSEATRDPNAWVERWKAAGHYQAE AALLQCTADTLADAVL ITTAHAWQHQGKTLFISRKTYRIDGSGQMAITVDVEVASDTPH PARIGLNCQLA QVAERNWLGLGPQENYPDRLTAACFDRWDLPLSDMYTPYVFPSENGLR CG TRELNYGPHQWRGDFQFNISRYSQQLMETSHRHLLHAE EGTWLNIDGFHM GIGGDDSWSPSVSAEFQLSAGRYHYQLVWCQK
Research Area	Tags & Cell Markers
Source	Mammalian cell
Target Names	lacZ
Protein Names	Recommended name: Beta-galactosidase EC= 3.2.1.23Alternative name(s): Acid beta-galactosidase Short name= Lactase Elastin receptor 1
Expression Region	2-1024aa



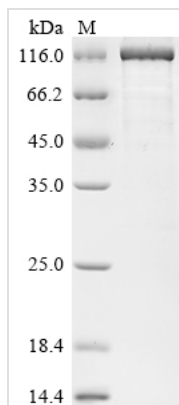
Notes Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.

Tag Info N-terminal 10xHis-tagged and C-terminal Myc-tagged

Mol. Weight 121.4

Protein Length Full Length of Mature Protein

Image



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

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