

Recombinant E. coli beta Galactosidase protein (Tagged) ab267967

描述

产品名称	重组E. coli beta Galactosidase蛋白(Tagged)
纯度	> 90 % SDS-PAGE. NULL
表达系统	Mammalian
Accession	<u>P00722</u>
蛋白长度	Full length protein
无动物成分	No
性质	Recombinant
种属	Escherichia coli

序列

TMITDSLAVVLQRRDWENPGVTQLNRLAAHPPFASWRNSEEA
RTDRPSQQ
LRSLNGEWRFAWFPAPEAVPESWLECDLPEADTVVVP SNWQM
HGYDAPIY
TNVTYPITVNPFPVPTENPTGCYSLTFNVDESWLQEGQTRII
FDGVNSAF
HLWCNGRWVGYGQDSRLPSEFDLSAFLRAGENRLAVMVL RWS
DGSYLEDQ
DMWRMSGIFRDVSL LHKPTTQISDFHVATRFNDDFSRAVLEA
EVQMC GEL
RDYLRVTVSLWQGETQVASGTAPFGGEIIDERGGYADRVT LR
LNVENPKL
WSAEIPNLYRAVVELHTADGTLIEAEACDVGFREVRIENGL L
LLNGKPLL
IRGVNRHEHHPLHGQVMDEQTMVQDILLMKQNNFNAVRC SHY
PNHPLWYT
LCDRYGLYVVDEANIETHGMVPMNRLTDDPRWLPAMSERVTR
MVQRDRNH
PSVIIWSLGNESGHGANHDALYRWIKSVDP SRPVQYEGGGAD
TTATDIIC
PMYARVDEDQPFPAVPKWSIKKWLSPGETRPLILCEYAHAM
GNSLGGFA
KYWQAFRQYPRLQGGFVWDVQSLIKYDENGPNWSAYGGDF
GDTPNDRQ
FCMNGLVFADRTPHPALTEAKHQQFFQFRLSGQTIEVTSEY

LFRHSDNE
LLHWMVALDGKPLASGEVPLDVAPQGKQLIELPELPQPESAG
QLWLTVRV
VQPNATAWSEAGHISAWQQWRLAENLSVTLPAASHAIPLTT
SEMDFCIE
LGNKRWQFNRQSGFLSQMWIGDKKQLLTPLRDQFTRAPLDND
IGVSEATR
IDPNAWVERWKAAGHYQAEALLQCTADTLADAVLITTAHAW
QHKGKTLF
ISRKTYRIDGSGQMAITVDVEVASDTPHPARIGLNCQLAQVA
ERVNWLGL
GPQENYPDRLTAACFDRWDLPLSDMYTPYVFPSENGLRGTR
ELNYGPHQ
WRGDFQFNISRYSQQLMETSHRHLHAEEGTWNIDGFHMG
IGGDDSWSPSVSAEFQLSAGRYHYQLVWCQK

预测分子量	116 kDa
氨基酸	2 to 1024
标签	His tag N-Terminus
额外的序列信息	Mature chain N-terminal 10xHis-tagged and C-terminal Myc-tagged
描述	重组 <i>E. coli</i> beta Galactosidase蛋白(Tagged)

技术指标

Our **Abpromise guarantee** covers the use of **ab267967** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

应用	SDS-PAGE
形式	Liquid

制备和贮存

稳定性和存储	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle. pH: 7.2 Constituents: PBS, 6% Trehalose Lyophilized from.
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常规信息

相关性	Beta galactosidase is coded by a gene (<i>lac z</i>) in the <i>lac</i> operon of <i>Escherichia coli</i> . It is a metalloenzyme that splits lactose into glucose and galactose. It hydrolyzes terminal, non-reducing beta-D-galactose residues in beta-D-galactosides. Activation by cations seems to be substrate dependent. K ⁺ , Na ⁺ , NH ₄ ⁺ , Rb ⁺ , Cs ⁺ and Mn ⁺⁺ all activate enzyme activity based upon the substrate used.
细胞定位	Cytoplasmic

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