

Native E. coli beta Galactosidase protein ab78141

★★★★★ [1 Abreviews](#) [1 References](#)

描述

产品名称	Native E. coli beta Galactosidase蛋白
生物活性	Does not react with human serum.
纯度	> 95 % SDS-PAGE.
表达系统	Escherichia coli
Accession	<u>P00722</u>
蛋白长度	Full length protein
无动物成分	No
性质	Native
种属	Escherichia coli
预测分子量	114 kDa
氨基酸	2 to 1024

技术指标

Our **Abpromise guarantee** covers the use of **ab78141** 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
补充说明	Does not react with human serum.

制备和贮存

稳定性和存储	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles. Constituents: 48% Urea, 0.078% Beta mercaptoethanol, 0.316% Tris HCl
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常规信息

相关性	Beta galactosidase is coded by a gene (lac z) in the lac operon of Escherichia coli. It is a metalloenzyme that splits lactose into glucose and galactose. It hydrolyzes terminal, non-reducing
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beta-D-galactose residues in beta-D-galactosides. Activation by cations seems to be substrate dependent. K⁺, Na⁺, NH₄⁺, Rb⁺, Cs⁺ and Mn⁺⁺ all activate enzyme activity based upon the substrate used.

细胞定位

Cytoplasmic

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