

Native E. coli beta Galactosidase protein ab78141

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製品の詳細

製品名	Native E. coli beta Galactosidase protein
生理活性	Does not react with human serum.
精製度	> 95 % SDS-PAGE.
発現系	Escherichia coli
アクセッション番号	<u>P00722</u>
タンパク質長	Full length protein
Animal free	No
由来	Native
生物種	Escherichia coli
予測される分子量	114 kDa
領域	2 to 1024

特性

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.

アプリケーション	SDS-PAGE
製品の状態	Liquid
備考	Does not react with human serum.

前処理および保存

保存方法および安定性	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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関連情報

関連性	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.

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