

Product datasheet

Natural *E. coli* beta Galactosidase protein ab78141

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製品の概要

製品名	Natural <i>E. coli</i> beta Galactosidase protein
タンパク質長	Full length protein

製品の詳細

由来	Native
由来	Escherichia coli
アミノ酸配列	
生物種	Escherichia coli
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.

生理活性	Does not react with human serum.
アプリケーション	SDS-PAGE
精製度	> 95 % 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. Preservative: None Constituents: 8M Urea, 20mM Tris HCl, 10mM Beta mercaptoethanol, pH 8
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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 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.
細胞内局在	Cytoplasmic

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