

本公司提供的电子版说明书仅供参考，实验请以收到的纸质手册为准。

melA, 1-451aa, E.coli, His tag, E.coli

产品货号: TP02945

第三版

别名: Alpha-galactosidase, ECK4112, JW4080, mel-7.

描述: melA (alpha-galactosidase) belongs to glycosyl hydrolase 4 family. Alpha-galactosidases catalyse the hydrolysis of saccharides containing o-1,6,-galactoside linkages. The three alpha – galactosidases catalyse the same reaction, but are localized in different cellular compartments: The E.coli enzyme is cytoplasmic protein and the human enzyme and the yeast enzyme is secretory proteins.

配方: Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.1M NaCl, 10% glycerol, 1mM DTT

分子量: 53 kDa (474aa)

序列:

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MGSSHHHHHSSGLVPRGSHMGSMMSAPKITFIGAGSTIFVKNILGDVVFHREALKTAHIALMDIDPTRLEESHIVVRKLM
DSAGASGKITCHTQQKEALEDADFVVVAFQIGGYEPCVTDFEVCKRHGLEQTIADTLGPGGIMRALRTIPHLWQICED
MTEVCPDATMLNYYNPMAMNTWAMYARYPHIKQVGLCHSVQGTAEELARDLNIDPATLRYRCAGINHMAFYLELERK
TADGSYVNLYPELLAAEYAGQAPKPNIHGNTRCQNVRYEMFKKLG YFVTESEHF AEYTPWFIKPGREDLIERYKVPLDEY
PKRCVEQLANWHKELEYKASRIDIKPSREYASTIMNAIWTGEP SVIYGNVRNDGLIDNLPQGCCVEVACLVDANGIQP
TKVGTLP SHLAALMQTNINVQ TLLTEAILTENRDRVYHAAMMDPHTAAVLGIDEIYALVDDLIAAHGDWLP GWLHR
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纯度: > 95% by HPLC

浓度: 1 mg/ml (determined by Bradford assay)

内毒素: <1.0 EU per 1 ug of protein (determined by LAL method)

存储: +4 ° C 保存 (1-2 周). 长期保存在 -20 ° C 或者 -70 ° C. 避免反复冻融.