

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。

GALM, 1-342aa, Human, His tag, E.coli

产品货号: TP02191

第三版

别名:Galactose mutarotase, Aldose 1-epimerase, BLOCK25, IBD1

描述:GALM (Galactose mutarotase), also known as Aldose 1-epimerase, is a key enzyme of carbohydrate metabolism catalysing the conversion of beta-D-galactose to alpha-D-galactose. This protein may be essential for normal galactose metabolism by maintaining the equilibrium of alpha and beta anomers of galactose.

配方:Liquid. In 20 mM Tris-HCl Buffer (pH 8.0) containing 10% Glycerol

分子量:39.9 kDa(362aa), confirmed by MALDI-TOF

序列:

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MGSSHHHHHHSSGLVPRGSHMASVTRAVFGELPSGGGTVEKFQLQSDLLRVDIISWGCTITALEVKDRQGRASDVVLGF
AELEGYLQKQPYFGAVIGRVANRIAKGTFKVDGKEYHLAINKEPNSLHGGVRFKVLWTPRVLNNGVQFSRISPDGEEG
YPGELKVVVTTYTLDDGELIVNYRAQASQATPVNLTNHSYFNLAGQASPNINDHEVTIEADTYLPVDETLIPTGEVAPVQG
TAFDLRKPVELGKHLQDFHLNGFDHNFCLKGSKEKHFCARVHHAASGRVLEVYTTQPGVQFYTGNFLDGTLKGNKNGAV
YPKHSGFCLETQNWPDVAVNQPRFPPVLLRPGEEYDHTTWFKFSVA
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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.