

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。

GALK1, 1-392aa, Human, His tag, E.coli

产品货号: TP02190

第三版

别名:Galactokinase, GALK, GK1

描述:GALK1, also often designated galactokinase, is important in the first step of the galactose metabolism pathway. (ATP + D-galactose = ADP + alpha-D-galactose 1-phosphate) Defects in GALK1 are the cause of galactosemia II. It is an autosomal recessive deficiency characterized by congenital cataracts during infancy and presenile cataracts in the adult population.

配方:Liquid. 20mM Tris-HCl buffer (pH8.0) containing 20% glycerol 0.1M NaCl, 1mM DTT

分子量:44.4 (412aa) confirmed by MALDI-TOF

序列:

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MGSSHHHHHSSGLVPRGSHMAALRQPQVAELLAEARRAFREFGAEPELAVSAPGRVNLIGEHTDYNQGLVLPMALEL
MTVLVGSPRKDGLVSLTTSEGADEPQRLQFPLPTAQRSLEPGTPRWANYVKGVIQYYPAAPLPGFSAVVVSSVPLGGGLSS
SASLEVATYTFLLQQLCPDSGTIAARAQVCQAEHSFAGMPCGIMDQFISLMGQKGHALLIDCRSLETSLVPLSDPKLAVLIT
NSNVRHSLASSEYPVRRRQCEEVARALGKESLREVQLEELEAARDLVSKEGFRRARHVVGIEIRRTAQAAAALRRGDYRAFG
RLMVESHRSRDDYEVSCPELDQLVEAALAVPGVYGSRTGGGFGGCTVTLLEASAAPHAMRHIQEHYGGTATFYLSQA
ADGAKVLCL
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纯度:> 95% by HPLC

浓度:0.5 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.