

本公司提供的电子版本说明书仅供参考，实验请以收到的纸质手册为准。

GALE, 1-348aa, Human, His tag, E.coli

产品货号: TP02185

第三版

别名:UDP-glucose 4-epimeraes, SDR1E1.

描述:GALE, also known as UDP-glucose 4-epimeraes, is a protein that functions as the third enzyme in the Leloir pathway of galactose metabolism. It is a homodimeric epimerase found in bacterial, plant, and mammalian cells. This enzyme promotes the reverse chemical reaction, the conversion of UDP-glucose to UDP-galactose.

配方:Liquid. In 20mM Tris-HCl buffer(pH 8.0) containing 10% glycerol 5mM DTT, 0.1M NaCl, and 1mM EDTA.

分子量:40.4 kDa (368aa) confirmed by MALDI-TOF

序列:

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MGSSHHHHHHSSGLVPRGSHMAEKVLVTGGAGYIGSHTVLELLEAGYLPVVIDNFHNAFRGGGSLPESLRRVQELTGRSV
EFEEMDILDQGalQRLFKKYSFMAVIHFAGLKAVGESVQKPLDYRNVNLTGTIQLLEIMKAHGKLVFSSSATVYGNPQ
YLPLDEAHPTGGCTNPYGKSKFFIEEMIRDLCQADKTWNAVLLRYFNPTGAHASGCIGEDPQGIPNNLMPYVSQVAIGRR
EALNVFGNDYDTEGTVRDIYHVVDLAKGHIAALRKLKEQCGCRIYNLGTGTGYSVLQMVQAMEKASGKKIPYKVVA
RREGDVAACYANPSLAQEELGWTAALGLDRMCEDLWRWQKQNPSGFGTQA
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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.