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glk, 1-321aa, E.coli, His tagged, E.coli

产品货号: TP02251

第三版

别名: Glucokinase, ECK2384, JW2385

描述: glk belongs to the bacterial glucokinase family. This protein is not highly important in E.coli as glucose is transported into the cell by the PTS system already as glucose 6-phosphate. Recombinant E.coli glk protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.

配方: Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.15M NaCl, 10% glycerol.

分子量: 37.1kDa (344aa), confirmed by MALDI-TOF

序列:

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MGSSHHHHHHSSGLVPRGSHMGSMKTYALVGDVGGTNARLALCDIASGEISQAKTYSGLDYPSEAVIRVYLEEHHKVEV
KDGCIACIPITGDWVAMTNHTWAFSIAEMKKNLGFHLEIINDFTAVSMAIPMLKKEHLIQFGGAEPVEGKPIAVYGAG
TGLGVAHLVHVDKRWVSLPGEGGHVDFAPNSEEEAIILEILRAEIGHVSAERVLSGPGLVNLRYRAIVKADNRLPENLKPDI
TERALADSCDCRRALSLFCVIMGRFGGNLALNLGTFGGVFIAGGIVPRFLEFFKASGFRAAFEDKGRFKEYVHDIPVYLIV
HDNPGLLGSGAHLRQTLGHIL
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纯度: > 95% by HPLC

浓度: 1mg/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.