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32-3027: GLK Recombinant Protein

Alternative Name : Glucokinase,Glucose kinase,glk,b2388,JW2385.

Description

Source : E.coli. GLK E.coli Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 344 amino acids (1-321 a.a) and having a molecular mass of 37.1kDa. GLK is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques. Glucokinase also known as GLK is a member of the bacterial glucokinase family. GLK is not highly significant in E.coli since glucose is already transported into the cell through the PTS system as glucose 6-phosphate.

Product Info

Amount :	20 µg
Purification :	Greater than 95% as determined by SDS-PAGE.
Content :	GLK protein solution (1.0 mg/ml) containing 20mM Tris-HCl buffer (pH 8.0), 0.15M NaCl and 10% glycerol.
Storage condition :	Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA).Avoid multiple freeze-thaw cycles.
Amino Acid :	MGSSHHHHHH SSGLVPRGSH MGSMTKYALV GDVGGTNARL ALCDIASGEI SQAKTYSGLD YPSLEAVIRV YLEEHKVEVK DGCIAIACPI TGDWVAMTNH TWAFSIAEMK KNLGFSHLEI INDFTAVSMA IPMLKKEHLI QFGGAEPVEG KPIAVYGAGT GLGVAHLVHV DKRWVSLPGE GGHVDFAPNS EEEAIILEIL RAEIGHVSAE RVLSGPGLVN LYRAIVKADN RLPENLKPKD ITERALADSC TDCRRALSLF CVIMGRFGGN LALNLGTFGG VFIAGGIVPR FLEFFKASGF RAAFEDKGRF KEYVHDIPVY LIVHDNPGLL GSGAHLRQTL GHIL.

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