

Recombinant E. coli, Glucokinase
ECK2384, JW2385, glk
Catalog # PBV11534r**Specification**

Recombinant E. coli, Glucokinase - Product info

Primary Accession [946858](#)
Calculated MW **37.1 kDa KDa**

Recombinant E. coli, Glucokinase - Additional Info**Other Names**

ECK2384, JW2385, glk

Gene Source	E. coli
Source	E. coli
Assay&Purity	SDS-PAGE;> 95%
Recombinant	Yes
Sequence	MGSSHHHHHH SSGLVPRGSH MGSMTKYALV GDVGGTNARL ALCDIASGEI SQAKTYSGLD YPSLEAVIRV YLEEHKVEVK DGCIAIACPI TGDWVAMTNH TWAFSIAEMK KNLGFSHLEI INDFTAVSMA IPMLKKEHLI QFGGAEPVEG KPIAVYGAGT GLGVAHLVHV DKRWVSLPGE GGHVDFAPNS EEEAIIILEIL RAEIGHVSAE RVLSGPGLVN LYRAIVKADN RLPENLKPKD ITERALADSC TDCRRALSIF CVIMGRFGGN LALNLGTFGG VFIAGGIVPR FLEFFKASGF RAAFEDKGRF KEYVHDIPVY LIVHDNPGLL GSGAHLRQTL GHIL

Target/Specificity

glk

Format

Liquid

Storage

-20°C;In 20mM Tris-HCl buffer (pH 8.0) containing 0.15M NaCl, 10% glycerol

Recombinant E. coli, Glucokinase - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)

- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Recombinant E. coli, Glucokinase - Images**Recombinant E. coli, Glucokinase - Background**

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.