

Glk protein, His tag (active)

Cat. No. GTX66893-pro

Applications	Functional Assay	Package
Species	E. coli	20 µg

Applications

Application Note

Specific activity is > 70 units/mg obtained by measuring the increase of NADPH in absorbance at 340 nm resulting from the reduction of NADP. One unit will oxidize 1.0 µmole of Glucose to D-glucose 6-phosphate per minute in the presence of Beta-NADP at pH 9.0 at 37°C.

Properties

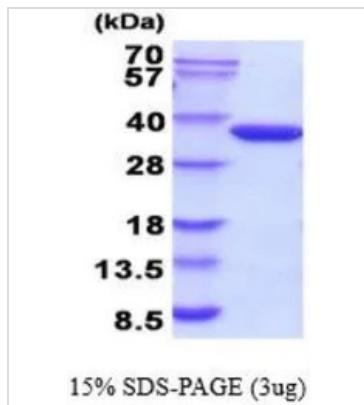
Form	Liquid
Buffer	20mM Tris-HCl, 150mM NaCl, 10% Glycerol
Preservative	No preservatives
Storage	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.
Concentration	1 mg/ml (Please refer to the vial label for the specific concentration.)
Region/Sequence	Full length protein, N-terminal His-Tag; Length: 344 a.a. Sequence: MGSSHHHHHH SSGLVPRGSH MGSMTKYALV GDVGTTNARL ALCDIASGEI SQAKTYSGLD YPSLEAVIRV YLEEHKVEVK DGCIACPI TGDVVAMTNH TWAFSIAEMK KNLGFSHLEI INDFTAVSMA IPMLKKEHLI QFGGAEPVEG KPIAVYGAGT GLGVAHLVHV DKRWVSLPGE GGHVDFAPNS EEEAIILEIL RAEIGHVSAE RVLSGPGLVN LYRAIVKADN RL PENLKPDK I TERALADSC TDCRRALSLF CVIMGRFGGN LALNLGTFGG VFIAGGIVPR FLEFFKASGF RAAFEDKGFR KEYVHDIPVY LIVHDNPGLL GSGAHLRQTL GHIL
Expression System	E. coli
Purity	> 95% by SDS-PAGE.
Conjugation	Unconjugated
Note	For In vitro laboratory use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption.



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Date 2026 / 02 / 03 Page 1 of 2

DATA IMAGES



GTX66893-pro Image

3 µg of GTx66893-pro Glk protein (active) by SDS-PAGE under reducing condition and visualized by coomassie blue stain



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Date 2026 / 02 / 03 Page 2 of 2