

Gor protein, His tag (active)

Cat. No. GTX66890-pro

Applications Functional Assay**Species** E. coli**Package**

100 µg

Applications

Application Note

Specific activity is > 60 units/mg. The unit definition for glutathione reductase activity may be expressed in terms of the oxidation of NADPH or the reduction of GSSG since their molar ratio is 1:1. One unit of glutathione reductase oxidizes 1 µmol of NADPH per minute at 37°C (pH 7.5).

Properties

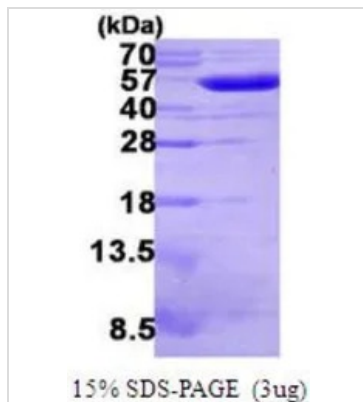
Form Liquid**Buffer** 20mM Tris-HCl, 100mM NaCl, 10% Glycerol, 1mM DTT**Preservative** No preservatives**Storage** Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid 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: 473 a.a. Sequence: MGSSHHHHHH SSGLVPRGSH MGSMTKHYDY IAIGGGSGGI ASINRAAMYG QKCALIEAKE LGGTCNVGC VPKKVMWHAA QIREAIHMYG PDYGFDTTIN KFNWETLIAS RTAYIDRIHT SYENVLGKNN VDVIKGFARF VDAKTLEVNG ETITADHILI ATGGRPSHPD IPGVEYGIDS DGFFALPALP ERVAVVGAGY IAVELAGVIN GLGAKTHLFV RKHAPLRSD PMISELVEV MNAEGPQLHT NAIPKAVVKN TDGSLTLELE DGRSETVDCL IWAIGREPAN DNINLEAAGV KTNEKGYIVV DKYQNTNIEG IYAVGDNTGA VELTPVAVAA GRRLSERLFN NKPDEHLDYS NIPTVVFShp PIGTVGLTEP QAREQYGGDDQ VKVYKSSFTA MYTAVTTHRQ PCRMKLVCVG SEEKIVGIHG IGFGMDEMLQ GFAVALKMGA TKKDFDNTVA IHPTAAEEFV TMR

Expression System E. coli**Purity** > 90% 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.

For full product information, images and publications, please visit our [website](#).

DATA IMAGES



GTX66890-pro Image

3 μ g of GTX66890-pro Gor protein (active) by SDS-PAGE under reducing condition and visualized by coomassie blue stain



For full product information, images and publications, please visit our [website](#).