

Bacterial recombinant protein GOR
Bacterial Recombinant GOR
Catalog # PBV10616r

Specification

Bacterial recombinant protein GOR - Product info

Concentration	1
Calculated MW	51.2 kDa (473 aa, 1-450 aa + NT His-Tag) KDa

Bacterial recombinant protein GOR - Additional Info

Other Names

Glutathione oxidoreductase, ECK3485, gorA, JW3467.

Gene Source	Bacteria
Source	E. Coli
Assay&Purity	SDS-PAGE; ≥90%
Assay2&Purity2	N/A;
Recombinant	Yes
Results	>52 unit/ml
Sequence	MGSSHHHHHH SSGLVPRGSH MGSMTKHYDY IAIGGGSGGI ASINRAAMYG QKCALIEAKE LGGTCVNVGC VPKKVMWHAA QIREAIHMYG PDYGFDTTIN KFNWETLIAS RTAYIDRIHT SYENVLGKNN VDIVKGFARF VDAKTLEVNG ETITADHILI ATGGRPSHPD IPGVEYGIDS DGFFALPALP ERVAVVGAGY IAVELAGVIN GLGAKTHLFV RKHAPLRSFD PMISETLVEV MNAEGPQLHT NAIPKAVVKN TDGSLTLELE DGRSETVDCL IWAIGREPAN DNINLEAAGV KTNEKGYIVV DKYQNTNIEG IYAVGDNTGA VELTPVAVAA GRRLSERLFN NKPDEHLDYS NIPTVVFSHP PIGTVGLTEP QAREQYGGDDQ VKVYKSSFTA MYTAVTTHRQ PCRMKLVCVG SEEKIVGIHG IGFGMDEMLQ GFAVALKMGA TKKDFDNTVA IHPTAAEEFV TMR

Format

Liquid

Storage

-80°C; 1 mg/ml solution in 20 mM Tris-HCl buffer (pH 8.0) containing 10% glycerol, 0.1 M NaCl and 1 mM DTT

Bacterial recombinant protein GOR - 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](#)

Bacterial recombinant protein GOR - Images

Bacterial recombinant protein GOR - Background

Gor, also known as Glutathione oxido-reductase, belongs to the class-I pyridine nucleotide disulfide oxidoreductase family. The main function of this protein is to maintain high levels of reduced glutathione in the cytosol. With the concomitant oxidation of NADPH, Glutathione reductase transforms oxidized glutathione to the reduced form.