

OriGene Technologies, Inc.

9620 Medical Center Drive, Ste 200 Rockville, MD 20850 UNITED STATES Phone: +1-888-267-4436 Fax: +1-301-340-8606 techsupport@origene.com

OriGene Technologies GmbH

32052 Herford GERMANY Phone: +49-5221-34606-0 Fax: +49-5221-34606-11

Schillerstr. 5

info-de@origene.com

glpE (1-108, His-tag) - Purified AR50968PU-N

ECK3411, JW3388, Thiosulfate:cyanide sulfurtransferase (rhodanese) Alternate names:

Quantity: 0.5 mg

Concentration: 0.5mg/ml (determined by Bradford assay)

Background: Thiosulfate:cyanide sulfurtransferase (rhodanese), also known as glpE, is a

> mitochondrial matrix enzyme that is encoded by the nucleus. glpE catalyzes the sulfurtransfer reaction in which a sulfur atom is transferred from thiosulfate to cyanide by a

doub

Uniprot ID: P0A6V5 **NCBI:** NP 417883 <u>9479</u>35 GeneID: Source: E. coli

Format: State: Liquid purified protein

Purity: >95% by SDS - PAGE

Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 10% glycerol

Description: AA Sequence:

> MGSSHHHHHH SSGLVPRGSH MGSMDQFECI NVADAHQKLQ EKEAVLVDIR DPQSFAMGHA VQAFHLTNDT LGAFMRDNDF DTPVMVMCYH GNSSKGAAQY LLQQGYDVVY SIDGGFEAWQ

Molecular weight: 14.5 kDa (131aa), confirmed by MALDI-TOF

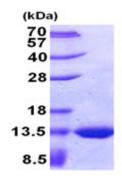
Storage: Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer.

Avoid repeated freezing and thawing. Shelf life: one year from despatch.

General Readings: Li H., et al. (2011) Biomol NMR Assign. 5(1):97-9Ray WK., et al. (2000) J Bacteriol.

182(8):2277-84.

Pictures:



15% SDS-PAGE (3ug)