

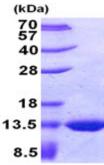
OriGene Technologies, Inc.

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

Alternate names:	ECK3411, JW3388, Thiosulfate:cyanide sulfurtransferase (rhodanese)
Quantity:	0.1 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 sulfur- transfer reaction in which a sulfur atom is transferred from thiosulfate to cyanide by a doub
Uniprot ID:	<u>P0A6V5</u>
NCBI:	<u>NP_417883</u>
GenelD:	<u>947935</u>
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 RQFPAEVAYG A 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:	(kDa)



15% SDS-PAGE (3ug)

For research and in vitro use only. Not for diagnostic or therapeutic work. Material Safety Datasheets are available at www.acris-antibodies.com or on request.