

Recombinant Escherichia coli GLPE Protein (1-108 aa), His-tagged

Cat. No. GLPE-2106E **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Escherichia coli (strain ATCC 8739/DSM 1576/Crooks) GLPE Protein (1-108 aa) is produced by E. coli expression system. This protein is fused with a 6xHis tag at the N-terminal. Research Area: Microbiology. Protein Description: Full Length.
Species	E.coli
Source	E.coli
ProteinLength	1-108 aa
Description	Catalyzes, although with low efficiency, the sulfur transfer reaction from thiosulfate to cyanide.
Form	Tris-based buffer, 50% glycerol
Molecular Mass	16.1 kDa
AA Sequence	MDQFECINVADAHQKLQEKEAVLVDIRDPQSFAMGHAVQAFHLTNDTLGAFMRDND FDTPVMVMCYHGNSSKGAAQYLLQQGYDVVYSIDGGFEVWQRQFPAEVAYGA
Purity	> 90% as determined by SDS-PAGE.
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4

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centigrade for up to one week.

Storage

The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20 centigrade/-80 centigrade. The shelf life of lyophilized form is 12 months at -20 centigrade/-80 centigrade.

Concentration

A hardcopy of COA with reconstitution instruction is sent along with the products.

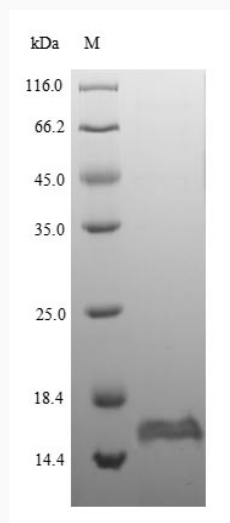
GENE INFORMATION

Synonyms

glpE;

UniProt ID

[B1IP41](#)



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

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