

Recombinant Escherichia coli GLPD Protein (1-501 aa), His-tagged

Cat. No. GLPD-880E **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Escherichia coli (strain K12) GLPD Protein (1-501 aa) is produced by E. coli expression system. This protein is fused with a 6xHis tag at the N-terminal. Protein Description: Full Length.
Species	E.coli
Source	E.coli
ProteinLength	1-501 aa
Description	Conversion of glycerol 3-phosphate to dihydroxyacetone. Uses molecular oxygen or nitrate as electron acceptor.
Form	Tris-based buffer, 50% glycerol
Molecular Mass	60.8 kDa
AA Sequence	METKDLIVIGGGINGAGIAADAAGRGLSVLMLEAQDLACATSSASSKLIHGGLRYLEH YEFRLVSEALAEREVLLKMAPHIAFPMRFRPLRPHLRPAWMIRIGLFMYDHLGKRT SLPGSTGLRFGANSVLKPEIKRGFEYSDCWVDDARLVLANAQMVVRKGGEVLTRTR ATSARRENLWIVEAEDIDTGKKYSWQARGLVNATGPWVKQFFDDGMHLPSPYGI RLIKGSHIVVPRVHTQKQAYILQNE DKRIVFVIPWMDEFISIIGTTDVEYKGDPAVKIE ESEINYLLNVYNTHFKKQLSRDDIVWTYSGVRPLCDDSDSPQAITRDYTLDIHDENG KAPLLSVFGGKLT TYRKLAEHALEKLTPYYQGIGPAWTKESVLPGGAIEGDRDDYAA

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

RLRRRYPFLTESLARHYARTYGSNSELLGNAGTVSDLGEDFGHEFYEAELKYLVDH
EWVRRADDALWRRTKQGMWLNADQQSRVSQWLVEYTQQRLSLAS

Purity > 90% as determined by SDS-PAGE.

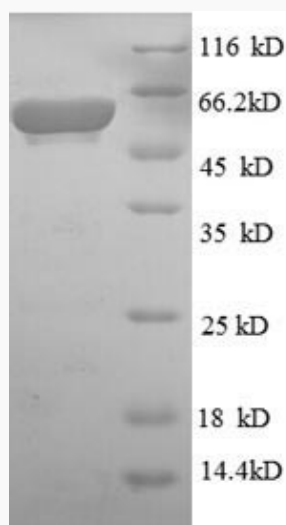
Notes Repeated freezing and thawing is not recommended. Store working aliquots at 4 centigrade for up to one week.

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 concentration instruction is sent along with the products.

GENE INFORMATION

UniProt ID [P13035](#)



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

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