

Recombinant Human GPD1 protein, His-tagged

Cat. No. GPD1-8785H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human GPD1 protein(40-181 aa), fused with N-terminal His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	40-181 aa
Form	The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. The elution buffer contain 300mM imidazole.
Storage	Short-term storage: Store at 2-8°C for (1-2 weeks). Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, reconstitution with sterile water and addition of an equal volume of glycerol. Avoid repeat freeze-thaw cycles.
Purity	90%, by SDS-PAGE with Coomassie Brilliant Blue staining.

GENE INFORMATION

Official Symbol	GPD1
Synonyms	GPD1; glycerol-3-phosphate dehydrogenase 1 (soluble); glycerol-3-phosphate dehydrogenase [NAD(+)], cytoplasmic; glycerophosphate dehydrogenase; glycerol-3-

 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

phosphate dehydrogenase [NAD⁺], cytoplasmic; GPD-C; HTGTI; GPDH-C;
FLJ26652;

Gene ID [2819](#)

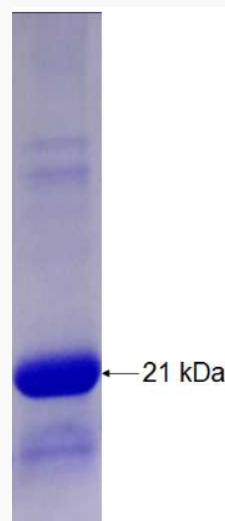
mRNA Refseq [NM_001257199](#)

Protein Refseq [NP_001244128](#)

MIM [138420](#)

UniProt ID [P21695](#)

SDS-PAGE



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