

Recombinant Human GPD1 protein, GST-tagged

Cat. No. GPD1-8784H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human GPD1 protein(40-181 aa), fused with N-terminal GST 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, pH8.). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. The elution buffer contain 100mM GSH.
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	85%, 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-

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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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