Glycerol-3-phosphate dehydrogenase, mitochondrial (GPD2) Recombinant Protein | GPD2 recombinant protein

Recombinant Human Glycerol-3-phosphate dehydrogenase, mitochondrial (GPD2)

CATALOG #	HOST
AAA113352	**E Coli or Yeast or Baculovirus or Mammalian Cell**

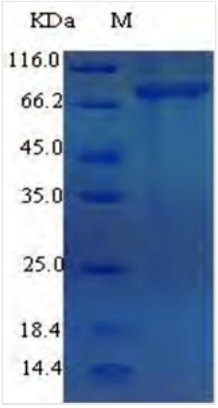
PRODUCT SYNONYMS

Glycerol-3-phosphate dehydrogenase; mitochondrial (GPD2); Recombinant Human Glycerol-3-phosphate dehydrogenase; GPD2 recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE.
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Sequence Positions	43-727, Full length protein
Sequence	ADCISEPVNR EPPSREAQLL TLQNTSEFDI LVIGGGATGS GCALDAVTRG LKTALVERDD FSSGTSSRST KLIHGGVRYL QKAIMKLDIE QYRMVKEALH ERANLLEIAP HLSAPLPIML PVYKWWQLPY YWVGIKLYDL VAGSNCLKSS YVLSKSRALE HFPMLQKDKL VGAIVYYDGQ HNDARMNLAI ALTAARYGAA TANYMEVVSL LKKTDPQTGK VRVSGARCKD VLTGQEFDVR AKCVINATGP FTDSVRKMDD KDAAAICQPS AGVHIVMPGY YSPESMGLLD PATSDGRVIF FLPWQKMTIA GTTDTPTDVT HHPIPSEEDI NFILNEVRNY LSCDVEVRRG DVLAAWSGIR PLVTDPKSAD TQSISRNHVV DISESGLITI AGGKWTTYRS MAEDTINAAV KTHNLKAGPS RTVGLFLQGG KDWSPTLYIR LVQDYGLESE VAQHLAATYG DKAFEVAKMA SVTGKRWPIV GVRLVSEFPY IEAEVKYGIK EYACTAVDMI SRRTRLAFLN VQAAEEALPR IVELMGRELN WDDYKKQEQL ETARKFLYYE MGYKSRSEQL TDRSEISLLP SDIDRYKKRF HKFDADQKGF ITIVDVQRVL ESINVQMDEN TLHEILNEVD LNKNGQVELN EFLQLMSAIQ KGRVSGSRLA ILMKTAEENL DRRVPIPVDR SCGGL
Sequence Length	685
Species	Human
Preparation and Storage	Store at -20 degrees C. For long-term storage, store at -20 degrees C or -80 degrees C. Store working aliquots at 4 degrees C for up to one week. Repeated freezing and thawing is not recommended.

IMAGES



SDS-PAGE

NCBI AND UNIPROT INFORMATION

NCBI GI #	285002233
NCBI GeneID	2820
NCBI Accession #	NP_000399.3
NCBI GenBank Nucleotide #	NM_000408.4
UniProt Accession #	P43304; Q59FR1; Q9HAP9; A8K4V0; B3KSA9
Molecular Weight	67,531 Da
NCBI Official Full Name	glycerol-3-phosphate dehydrogenase, mitochondrial
NCBI Official Synonym Full Names	glycerol-3-phosphate dehydrogenase 2
NCBI Official Symbol	GPD2
NCBI Official Synonym Symbols	GDH2; GPDM; mGPDH
NCBI Protein Information	glycerol-3-phosphate dehydrogenase, mitochondrial
UniProt Protein Name	Glycerol-3-phosphate dehydrogenase, mitochondrial
UniProt Gene Name	**GPD2**
UniProt Synonym Gene Names	GPD-M; GPDH-M

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: https://www.aaabiotech.com/gpd2-recombinant-protein-e-coli/113352