Recombinant Human Glycerol-3-phosphate dehydrogenase [NAD(+)], Cytoplasmic domain(GPD1)

Catalog No: #AP70356

Package Size: #AP70356-1 20ug #AP70356-2 100ug #AP70356-3 1mg

Signalway Antibody
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Support: tech@signalwayantibody.com

Description

Product Name	Recombinant Human Glycerol-3-phosphate dehydrogenase [NAD(+)], Cytoplasmic domain(GPD1)
Host Species	E.coli
Purification	Greater than 90% as determined by SDS-PAGE.
Immunogen Description	Expression Region:1-349aaSequence Info:Full Length
Accession No.	P21695
Calculated MW	53.6 kDa
Tag Info	N-terminal 6xHis-SUMO-tagged
Target Sequence	MASKKVCIVGSGNWGSAIAKIVGGNAAQLAQFDPRVTMWVFEEDIGGKKLTEIINTQHENVKYLPGHKLPPNV VAVPDVVQAAEDADILIFVVPHQFIGKICDQLKGHLKANATGISLIKGVDEGPNGLKLISEVIGERLGIPMSVLMG ANIASEVADEKFCETTIGCKDPAQGQLLKELMQTPNFRITVVQEVDTVEICGALKNVVAVGAGFCDGLGFGDN TKAAVIRLGLMEMIAFAKLFCSGPVSSATFLESCGVADLITTCYGGRNRKVAEAFARTGKSIEQLEKELLNGQKL QGPETARELYSILQHKGLVDKFPLFMAVYKVCYEGQPVGEFIHCLQNHPEHM
Formulation	Tris-based buffer50% glycerol
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°C,-80°C. The shelf life of lyophilized form is 12 months at -20°C,-80°C.Notes:Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.

References

A compound heterozygous mutation in GPD1 causes hepatomegaly, steatohepatitis, and hypertriglyceridemia.Joshi M., Eagan J., Desai N.K., Newton S.A., Towne M.C., Marinakis N.S., Esteves K.M., De Ferranti S., Bennett M.J., McIntyre A., Beggs A.H., Berry G.T., Agrawal P.B.Eur. J. Hum. Genet. 22:1229-1232(2014) Research Topic:Signal Transduction