

Product datasheet for TP505280

Gpd1 (NM_010271) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse glycerol-3-phosphate dehydrogenase 1 (soluble) (Gpd1), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR205280 protein sequence Red =Cloning site Green =Tags(s)

MAGKKVCIVGSGNWGSAIAKIVGSNAGRLAHFDPRVTMWWFEEDIGGRKLTEIINTQHENVKYLPGHKLP
PNVVAIPDVVQAATGADILVFVPHQFIGKICDQLKGHLKANTIGISLIKGVDEGPNGLKLISEVIGERL
GIPMSVLMGANIASEVAEEKFCETTIGCKDPAQGQLKDLMQTPNFRITVVQEVDTVEICGALKNIVAVG
AGFCDGLGFGDNTKAAVIRLGLMEMIAFAKLFCSGTVSSATFLESCGVADLITTCYGGNRNRKVAEAFART
GKSIEQLEKEMLNGQKLQGPQTARELHSILQHKGLVDKFLFTAVYKVCYEGQPVGEFIRCLQNHPEHM

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-MYC/DDK
Predicted MW:	37.6 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C after receiving vials.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	NP_034401
Locus ID:	14555
UniProt ID:	P13707



[View online »](#)

RefSeq Size:	2809
Cytogenetics:	15 56.13 cM
RefSeq ORF:	1050
Synonyms:	AI747587; Gdc-1; Gdc1; mKIAA4010
Summary:	Has glycerol-3-phosphate dehydrogenase activity.[UniProtKB/Swiss-Prot Function]