

Product datasheet for **TP516508**

Pgm3 (NM_001163746) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse phosphoglucomutase 3 (Pgm3), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR216508 representing NM_001163746 Red =Cloning site Green =Tags(s)

MDLEAVCKRSALHAKPQGLILQYGTAGFRTNAQHLDHIMFRMGLLAVLRSKQTRSTIGVMVTASHNPEED
NGVKLVDP LGEM LAPSWE EHATCLAS AEEQDVRQVLA AIVEKEAVDLTQTAFVVIARDTRPSSEKLSQSV
IDGVTVLGGQFH DYGLLTTPQLHYM VYCRN SGGRYGQATVEGYCQKLSKAFVDLTNQVSCSGDVKRSVKV
DCANGIGALKLREMEHYFSRGLSVLLFNDGTQGRNLHLCGAD FVKSQQKPPQGIEMKSGERCCSFDGDAD
RIVYYCDADGHFHLIDGDKIATLISSFLKELLEIGESVNLGVVQTAYANGSSTRYLEEVMKVPVYCTK
TGVKHLHHKAQEFDIGVYFEANGHGTALFSEAVEVKIKRLAQELDDGKGAARTLASIIDLFNQVADRRV
ISTTDAERQAVTPPGLQEAINDLVKKYTLARAFVRPSGTEDIVRVYAEANSQESADRLAYEVSLLVFQLA
GGIGERPQPTF

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-MYC/DDK
Predicted MW:	55.4 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:	<u>NP_001157218</u>



[View online »](#)

Locus ID: 109785

UniProt ID: [Q9CYR6](#), [Q8BWW3](#), [Q8BLS4](#)

RefSeq Size: 4459

Cytogenetics: 9 46.58 cM

RefSeq ORF: 1503

Synonyms: 2810473H05Rik; Agm1; BB187688; C77933; PAGM; Pgm-3

Summary: Catalyzes the conversion of GlcNAc-6-P into GlcNAc-1-P during the synthesis of uridine diphosphate/UDP-GlcNAc, a sugar nucleotide critical to multiple glycosylation pathways including protein N- and O-glycosylation.[UniProtKB/Swiss-Prot Function]