

Product datasheet for TP509490

Pgm1 (NM_025700) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse phosphoglucomutase 1 (Pgm1), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR209490 protein sequence Red =Cloning site Green =Tags(s)

MAAATPTETPAPEGSGGLGMDARLDQETAQWLRWDQNPLTSESVKQLIAGGNKEELRKCFGARMEFGTAGL
RAPMGAGISRMNDLTIIQTTQGFCRYLEKQFSDLKQRGVVISFDARAHPASGGSSRRFARLAATAFITQG
VPVYLFSDITPTFPVPTVSHLKLKAGIMITASHNPKQDNGYKVYWDNGAQIISPHDRGISQAIEENLEP
WPQAWEEESLVDSSPLLHNPSASIGNDYFEDLKKYCFHRTVNKESKVKFVHTSVHGVGHEFVQLAFKAFDL
APPEAVPQQKDPDPEFPTVKYPNPEEGKGVLTLSFALADKIKAKIVLANDPDADRLAVAEEKQDSGEWRVF
SGNELGALLGWWLFTSWKEKNQDQSNLKDITYMLSSTVSSKILRAIALKEGFHFEETLTGFKWMGNRAQQL
GDQGKTVLFAFEEAIGYMCCPFVLDDKGVSAAVICAELASFLATKNLSLSQQLNAIYVEYGYHITTASYF
ICHDQGTIQNLFGNLRNYDGNKNNPKMCGKFEISAIRDLTTGYDDSQPKKAVLPTSXSQMITFTFANG
GVATMRTSGTEPKIKYYAELCAPPGNSDPEHLKKEDELVGAIEEHFFQPQKYNLQPKAE

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-MYC/DDK
Predicted MW:	68.7 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.



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RefSeq: [NP_079976](#)

Locus ID: 66681

UniProt ID: [Q7TSV4](#)

RefSeq Size: 2179

Cytogenetics: 5 32.8 cM

RefSeq ORF: 1863

Synonyms: 3230402E02Rik; Pgm-1; Pgm2

Summary: Catalyzes the conversion of the nucleoside breakdown products ribose-1-phosphate and deoxyribose-1-phosphate to the corresponding 5-phosphopentoses. May also catalyze the interconversion of glucose-1-phosphate and glucose-6-phosphate. Has low glucose 1,6-bisphosphate synthase activity (By similarity).[UniProtKB/Swiss-Prot Function]