

Product datasheet for **TP503262**

Pgam1 (NM_023418) Mouse Recombinant Protein

Product data:

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| Product Type: | Recombinant Proteins |
| Description: | Purified recombinant protein of Mouse phosphoglycerate mutase 1 (Pgam1), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug |
| Species: | Mouse |
| Expression Host: | HEK293T |
| Expression cDNA Clone or AA Sequence: | >MR203262 protein sequence Red =Cloning site Green =Tags(s) |

MAAYKLVLRHGESAWNLENRFSGWYDADLSPAGHEEAKRGGQALRDAGYEFDICFTSVQKRAIRTLWTV
LDAIDQMWLPVVRTWRLNERHYGGLTGLNKAETAAKHGAEQVKIWRSSYDVPPPPMEPDHFPYSNISKDR
RYADLTEDQLPSCESLKDTIARALPFWNEEIVPQIKEGKRVLIAAHGNSLRGIVKHLEGLSEEAIMELNL
PTGIPIVYELDKNLKPIKPMQFLGDEETVRKAMEAVAAQGVKK

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

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|-----------------------|--|
| Tag: | C-MYC/DDK |
| Predicted MW: | 28.8 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_075907</u> |
| Locus ID: | 18648 |
| UniProt ID: | <u>Q9DBJ1</u> , <u>Q3U7Z6</u> |
| RefSeq Size: | 1855 |



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Cytogenetics: 19 C3

RefSeq ORF: 765

Synonyms: 2310050F24Rik; Pgam-1

Summary: Interconversion of 3- and 2-phosphoglycerate with 2,3-bisphosphoglycerate as the primer of the reaction. Can also catalyze the reaction of EC 5.4.2.4 (synthase), but with a reduced activity. [UniProtKB/Swiss-Prot Function]