

## Product datasheet for **TP503233**

### **Pgam2 (NM\_018870) Mouse Recombinant Protein**

#### **Product data:**

**Product Type:** Recombinant Proteins  
**Description:** Purified recombinant protein of Mouse phosphoglycerate mutase 2 (Pgam2), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug

**Species:** Mouse

**Expression Host:** HEK293T

**Expression cDNA Clone or AA Sequence:** >MR203233 protein sequence  
**Red**=Cloning site **Green**=Tags(s)

MTTHRLVMVRHGESLWNQENRFCGWFDALSEKGAEEAKRGATAIKDAKIEFDICYTSLKRAIRTLWTI  
LDVTDQMWWPVVRTWRLNERHYGGTGLNKAETAAKHGEEQVKIWRFSFDTPPPPMDEKHNYYTSISKDR  
RYAGLKPEELPTCESLKDTIARALPFWNEEIAPKIKAGQRVLIAAHGNSLRGIVKHLEGMSDQAIMELNL  
PTGIPIVYELDQNLKPTKPMRFLGDEETVRKAMEAVAAQ GKAK

**TR**TRPLE**QKLISEEDLAANDILDYKDDDDK**V

**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:** [NP\\_061358](#)

**Locus ID:** 56012

**UniProt ID:** [O70250](#), [Q5NCI4](#)

**RefSeq Size:** 906



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**Cytogenetics:** 11 A1

**RefSeq ORF:** 762

**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]