# Product datasheet for TP503358

## Bpgm (NM_007563) Mouse Recombinant Protein

## Product data:

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| **Product Type:** | Recombinant Proteins |
| **Description:** | Purified recombinant protein of Mouse 2,3-bisphosphoglycerate mutase (Bpgm), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug |
| **Species:** | Mouse |
| **Expression Host:** | HEK293T |
| **Expression cDNA Clone or AA Sequence:** | >MR203358 protein sequence<br>Red=Cloning site Green=Tags(s)<br><br>MSKHKLIILRHGEGQWNKENRFCSWVDQKLNNDGLEEARNCGRQLKALNFEFDLVFTSILNRSIHTAWLI LEELGQEWVPVESSWRLNERHYGALIGLNREKMALNHGEEQVRLWRRSYNVTPPPIEESHPYFHEIYSDR RYKVCDVPLDQLPRSESLKDVLERLLPYWKERIAPEILKGKSILISAHGNSSRALLKHLEGISDEDIINI TLPTGVPILLELDENLRAVGPHQFLGNQEAIQAAIKKVDDQGKVKQGKQ<br><br>TRTRPLEQKLISEEDLAANDILDYKDDDDKV |
| **Tag:** | C-MYC/DDK |
| **Predicted MW:** | 30 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_031589 |
| **Locus ID:** | 12183 |
| **UniProt ID:** | P15327 |
| **RefSeq Size:** | 2068 |

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| **Cytogenetics:** | 6 B1 |

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| **RefSeq ORF:** | 780 |
| **Synonyms:** | AI323730; AL022789; C86192 |
| **Summary:** | Plays a major role in regulating hemoglobin oxygen affinity by controlling the levels of its allosteric effector 2,3-bisphosphoglycerate (2,3-BPG). Also exhibits mutase (EC 5.4.2.11) activity.[UniProtKB/Swiss-Prot Function] |