

Product datasheet for **TP510926**

Pygb (NM_153781) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse brain glycogen phosphorylase (Pygb), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR210926 protein sequence Red =Cloning site Green =Tags(s)

MAKPLTDSERQKQISVRGIAGLGDVAEVRKSFNRHLHFTLVKDRNVATPRDYFFALAHTVRDHLVGRWIR
TQQHYERDPKRIYYLSLEFYMGRTLQNTMVNLGLQTACDEATYQLGLDLEEEIEEDAGLNGGGLGRL
AACFLDSMATLGLAAYGYGIRYEFGIFNQKIVNGWQVEEADDWLRYPWEPKARPEYMLPVHFYGRVEHT
PDGVLWLDTQVVLAMPYDTPVPGYKNNTVNTMRLWSAKAPNDFKLDKDFNVGDYIEAVLDRNLAENISRVL
YPNDNFFEGKELRLKQEFVVAATLQDIIRRFKSSRFGCRDPVRTCFETFPDKVAIQLNDTHPALSIPEL
MRILVDVEKVDWDKAWAITKKTCAYTNHTVLPALERWVPMFEKLLPRHLEIYAINQRHLDHVAALFP
GDVDRLRMSVIEEGDCKRINMAHLCVIGSHAVNGVARIHSEIVKQSVFKDFYELEPEKFNKTNGITPR
RWLLLCNPLGLAEIIVERIGEGFLTDLSQLKLLSLVDDEAFIRDVAKVKQENKLFKSAQLEKEYKVKINP
ASMFVHVHVKRIHEYKRQLLNCLHIITLYNRIKDPKAFVPRVMIGGKAAPGYHMAKMIKLVTSIGDV
VNHDPVVGDRLRVIFLENYRVSLAEKVIPAADLSQISTAGTEASGTGNMKFMLNGALTIGTMDGANVEM
AEEAGEENLFIKMRVEDVEALDQKGYNAREFYERLPELRQAVDQISSGFFSPKDPDCFKDVNMLMYHD
RFKVFADYEAYIQCQAQVDRLYRNSKEWTKKIRNIACSGKFSSDRITITEYAREIWGVEPSDLQIPPNL
PKD

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-MYC/DDK
Predicted MW:	96.7 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.



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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_722476
Locus ID:	110078
UniProt ID:	Q8CI94
RefSeq Size:	3860
Cytogenetics:	2 74.74 cM
RefSeq ORF:	2532
Synonyms:	MGC36329
Summary:	Glycogen phosphorylase that regulates glycogen mobilization. Phosphorylase is an important allosteric enzyme in carbohydrate metabolism. Enzymes from different sources differ in their regulatory mechanisms and in their natural substrates. However, all known phosphorylases share catalytic and structural properties.[UniProtKB/Swiss-Prot Function]