

## Product datasheet for **TP510923**

### Pygm (NM\_011224) Mouse Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse muscle glycogen phosphorylase (Pygm), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR210923 representing NM_011224 <b>Red</b> =Cloning site <b>Green</b> =Tags(s)

MSRPLSDQDKRKQISVRGLAGVENVSELKKNFNRLHFTLVKDRNVATPRDYFALAHTVRDHLVGRWIR  
TQQHYEKDPKRIYYLSLEFYMGRTLQNTMVNLALENACDEATYQLGLDMEELEEIEEDAGLGNGGLGRL  
AACFLDSMATLGLAAYGYGIRYEFGIFNQKICGGWQMEEADDWLRYGNPWEKARPEFTLPVHFYGRVEHT  
SQGAKWVDTQWLAMPYDTPVPGYRNNVVNTMRLWSAKAPNDFNLKDFNVGGYIQAFLDRNLAENISRVL  
YPNDNFFEGKELRLKQEFVVAATLQDIIRRFKSSKFGSRDPVRTNFDAFPDKVAIQLNDTHPSLAPEL  
MRILVDLERLDWDKAWDVTVKTCAYTNHTVLPALERWVPHLMETLLPRHLQIIYEINQRFLNRVAAAF  
GDVDRLRRMSLVEEGAVKRINMAHLCIAGSHAVNGVARIHSEILKKTIFKDFEYEPHFQNKNTNGITPR  
RWLVLCNPGLAEVIAERIGEDYISDLQDLRKLSSYVDDEAFIRDVAKVKQENKLFSAYLERYKVHINP  
NSLFDVQVKRIHEYKRQLLNCLHIITLYNRIKREPFRMVPRTIMIGGKAAPGYHMAKMIKLITAIGDV  
VNHDPAVGDRLRVIFLENYRVSLAEKVIPAADLSEQISTAGTEASGTGNMKFMLNGALTIGTMDGANVEM  
AEEAGEENFFIFGMRVEDVERLDQRGYNAQEYDRIPELRQIIQLSSGFFSPKQPDLFKDIVNMLMHHD  
RFKVFADYEEYIKCQDKVSELYKNPREWTRMVIRNIATSGKFSSDRTIAQYAREIWGVEPSRQRLPAPDE  
KI

**TRTRPLEQKLISEEDLAANDILDYKDDDDKV**

Tag:	C-MYC/DDK
Predicted MW:	97.7 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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<b>Storage:</b>	Store at -80°C after receiving vials.
<b>Stability:</b>	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
<b>RefSeq:</b>	<a href="#">NP_035354</a>
<b>Locus ID:</b>	19309
<b>UniProt ID:</b>	<a href="#">Q9WUB3</a>
<b>RefSeq Size:</b>	2874
<b>Cytogenetics:</b>	19 4.53 cM
<b>RefSeq ORF:</b>	2526
<b>Synonyms:</b>	A1115133; P; PG
<b>Summary:</b>	This gene encodes a glycolysis enzyme found in muscle. Highly similar enzymes encoded by different genes are found in liver and brain. The encoded protein is involved in regulating the breakdown of glycogen to glucose-1-phosphate, which is necessary for ATP generation. [provided by RefSeq, Dec 2015]