

## Product datasheet for **TP510948**

### Pygl (NM\_133198) Mouse Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse liver glycogen phosphorylase (Pygl), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR210948 representing NM_133198 <b>Red</b> =Cloning site <b>Green</b> =Tags(s)

MAKPLTDQEKRRQISIRGIVGVENVAELKKGFNRLHFTLVKDRNVATPRDYFALAHTVRDHLVGRWIR  
TQQHYDKCPRVYLSLEFYMGRTLQNTMINLGLQACDEAIYQLGLDMEELIEEDAGLNGGLGRL  
AACFLDSMATLGLAAYGYGIRYEYGFNPKIREGWQVEEADDWLRHGNPWEEKARPEFMLPVHFGYGRVEHT  
QTGTKWVDTQVWLALPYDTPVPGYMNNTVNTMRLWSARAPNDFNLQDFNVGDYIQAVALDRNLAENISRVL  
YPNDNFFEGKELRLKQEFVVAATLQDVIRRFKASKFGSKDGMGTVFDAFPDQVAIQLNDTHPALAIP  
MRIFVDIEKLPWAKAWAITKKTFAITNHTVLPALERWVPELVEKLLPRHLEIIEINQKHLDRIVALFP  
KDISRMRRMSLIEEGGKRINMAHLICIVGCHAVNGVAKIHSDIVKTQVFKDFSELEPKFQNKNTGITPR  
RWLLLCNPGLADLIAEKIGEDYVKDLSQLTKLHSFVSDIFLREIAKVKQENKLFKFSQFLEKEYKVKINP  
SSMFDVHVKRIHEYKRQLLNCLHVITMYNRIKDKPKKFFVPRTVIIGGKAAPGYHMAKMIKLTISVAEV  
VNNDPMVGSKLKVIFLENYRVSLAEKVIPATDLSEQISTAGTEASGTGNMFKMLNGALTIGTMDGANVEM  
AEEAGEENLFIGMRVDDVAALDKKGYEAKYEAALPELKLVIDQIDNGFFSPNPDLFKDIINMLFYHD  
RFKVFADYEAYKCKQEKVSQLYMNQKAWNTMVLKNIAASGKFSRDRTIKEYAKDIWNMEPSDLKISLSNE  
SSNGVSANGK

**TRTRPLEQKLISEEDLAANDILDYKDDDDKV**

Tag:	C-MYC/DDK
Predicted MW:	97.9 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_573461</a>
<b>Locus ID:</b>	110095
<b>UniProt ID:</b>	<a href="#">Q9ET01</a>
<b>RefSeq Size:</b>	2821
<b>Cytogenetics:</b>	12 29.01 cM
<b>RefSeq ORF:</b>	2550
<b>Summary:</b>	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 (By similarity). [UniProtKB/Swiss-Prot Function]