# Recombinant Human PYGB Protein, His-tagged

**Cat. No.** PYGB-6127H **Lot. No.** (See product label)

## SPECIFICATION

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| **Product Overview** | Recombinant Human PYGB protein(Pro477-Glu731), fused with N-terminal His tag, was expressed in E. coli. |
| **Species** | Human |
| **Source** | E.coli |
| **ProteinLength** | Pro477-Glu731 |
| **Tag** | N-His |
| **Form** | Liquid in sterile PBS, pH7.4, 10% Glycerol. |
| **Molecular Mass** | The protein has a calculated MW of 31 kDa. |
| **Endotoxin** | <1.0EU per 1μg (determined by the LAL method). |
| **Purity** | > 90 % as determined by SDS-PAGE. |
| **Storage** | Store it under sterile conditions at -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles. |
| **Concentration** | 1.0 mg/ml. |
| **Reconstitution** | Centrifuge the vial at 4°C before opening to recover the entire contents. |

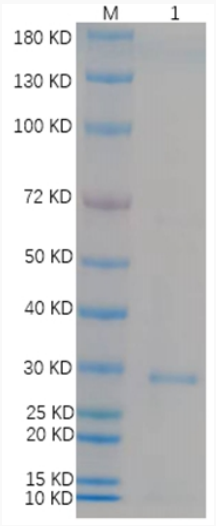
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| **AA Sequence** | MGSSHHHHHHSSGLVPRGSHMPEKFQNKTNGITPRRWLLLCNPGLADTIVEKIGEE FLTDLSQLKKLLPLVSDEVFIRDVAKVKQENKLKFSAFLEKEYKVKINPSSMFDVHVK RIHEYKRQLLNCLHVVTLYNRIKRDPAKAFVPRTVMIGGKAAPGYHMAKLIIKLVTSIG DVVNHDPVVGDRLKVIFLENYRVSLAEKVIPAADLSQQISTAGTEASGTGNMKFMLN GALTIGTMDGANVEMAEEAGAENLFIFGLRVEDVEALDRKGYNARE |

## GENE INFORMATION

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| **Gene Name** | PYGB phosphorylase, glycogen; brain [ Homo sapiens ] |
| **Official Symbol** | PYGB |
| **Synonyms** | PYGB; phosphorylase, glycogen; brain; glycogen phosphorylase, brain form; glycogen phosphorylase B; GPBB; MGC9213; |
| **Gene ID** | 5834 |
| **mRNA Refseq** | NM_002862 |
| **Protein Refseq** | NP_002853 |
| **MIM** | 138550 |
| **UniProt ID** | P11216 |

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| **SDS-PAGE** |  |



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