

## Phosphorylase, Glycogen, Liver Human Recombinant

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| <b>Item Number</b>                       | rAP-1582   |
| <b>Synonyms</b>                          | GSD6, Glycogen phosphorylase, liver form.  |
| <b>Description</b>                       | PYGL Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 879 amino acids (1-847 a.a) and having a molecular mass of 100.7kDa.PYGL is fused to a 32 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.  |
| <b>Uniprot Accesion Number</b>           | P06737   |
| <b>Amino Acid Sequence</b>               | MGSSHHHHHH SSGLVPRGSH MGSEFELRRQ ASMAKPLTDQ EKRRQISIRG IVGVENVAEL KKS-FNRHLHF TLVKDRNVAT TRDYYFALAH TVRDHLVGRW IRTQQHYYDK CPKRVYYLSL EFYMGRTLQN TMINLGLQNA CDEAI-YQLGL DIEELEEIEE DAGLGNGLG RLAACFLDSM ATLGLAAYGY GIRYEYGIFN QKIRDGWQVE EADDWL-RYGN PWEKSRPEFM LPVHFYKGKVE HTNTGKWD TQVVLALPYD TPVPGYMNNT VNTMRLWSAR AP-NDFNLRDF |
| <b>Source</b>                            | Escherichia Coli.  |
| <b>Physical Appearance and Stability</b> | Sterile Filtered colorless solution. Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA).Avoid multiple freeze-thaw cycles.   |
| <b>Formulation and Purity</b>            | PYGL protein solution (0.25mg/ml) in phosphate buffered saline (pH7.4), 30% glycerol and 1mM DTT. Greater than 80.0% as determined by SDS-PAGE.  |
| <b>Application</b>                       |  |
| <b>Solubility</b>                        |  |
| <b>Biological Activity</b>               |  |
| <b>Shipping Format and Condition</b>     | Lyophilized powder at room temperature.  |

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**