

Phosphorylase, Glycogen, Liver Human Recombinant

Item Number	rAP-1582
Synonyms	GSD6, Glycogen phosphorylase, liver form.
Description	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.
Uniprot Accession Number	P06737
Amino Acid Sequence	MGSSHHHHH SSGLVPRGSH MGSEFELRRQ ASMAKPLTDQ EKRRQISIRG IVGVENVAEL KKS-FNRHLHF TLVKDRNVAT TRDYFALAH TVRDHLVGRW IRTQQHYDYK CPKRVYYLSL EFYMGRTLQN TMINLGLQNA CDEAI-YQLGL DIEEEIEIE DAGLGNGGLG RLAACFLDSM ATLGLAAYGY GIRYEGIFN QKIRDGWQVE EADDWL-RYGN PWEKSRPEFM LPVHFYGVKVE HTNTGTKWID TQVVLALPYD TPVPGYMNNT VNTMRLWSAR AP-NDFNLRDF
Source	Escherichia Coli.
Physical Appearance and Stability	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.
Formulation and Purity	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.
Application	
Solubility	
Biological Activity	
Shipping Format and Condition	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**