

Human PYGL Recombinant Protein



RPPB2235

Product Information Protein Information

Product SKU:

RPPB2235

Accession:

P06737

Host:

Escherichia Coli.

Protein 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.

Appearance:

Sterile Filtered colorless solution.

Synonyms:

GSD6, Glycogen phosphorylase, liver form.

Formulation:

PYGL protein solution (0.25mg/ml) in phosphate buffered saline (pH7.4), 30% glycerol and 1mM DTT.

Purity:

Greater than 80.0% as determined by SDS-PAGE.

Stability:

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.

Amino Acid Sequence:

MGSSHHHHHH SSSLVPRGSH MGSEFELRRQ ASMAKPLTDQ EKRRQISIRG IVGVENVAEL KKSFNRLHF
TLVKDRNVAT TRDYFALAH TVRDHLVGRW IRTQQHYDYK CPKRYYLSL EFYMGRTLQN TMINLGLQNA
CDEAIYQLGL DIELEEIEE DAGLNGGLG RLAACFLDSM ATLGAAAYGY GIRYEGIFN QKIRDGWQVE
EADDWLRYGN PWEKSRPEFM LPVHFYGVKVE HTNTGTKWID TQVVLALPYD TPVPGYMNNT VNTMRLWSAR
APNDFNLRDF NVGDYIQAVL DRNLAENISR VLYPNDNFFE GKELRLKQEY FVVAATLQDI IRRFKASKFG
STRGAGTVFD AFDQVAIQL NDTHPALAIP ELMRIFVDIE KLPWSKAWEL TQKTFAYTNH TVLPEALERW
PVDLVEKLLP RHLEIYEIN QKHLDRIVAL FPKDVDRLRR MSLIEEESK RINMAHLCIV GSHAVNGVAK
IHSDIVKTKV FKDFSELEPD KFQNKNGIT PRRWLLCNP GLAELIAEKI GEDYVKDLSQ LTKLHSFLGD
DVFLRELAKV KQENKLFQSQ FLETYKVKI NPSSMFDVQV KRIHEYKRQL LNCLHVITMY NRIKDPKCL
FVPRTVIIGG KAAPGYHMAK MIIKLITVA DVVNNDPMVG SKLKVIFLEN YRVSLAEKVI PATDLSEQIS
TAGTEASGTG NMKFMLNGAL TIGTMDGANV EMAEEAGEEN LFIGMRIDD VAALDKKGYE AKEYEALPE
LKLVIDQIDN GFFSPKQPD LFKDIINMLFY HDRFKVFADY EAYVKCQDKV SLYMNPKAW NTMVLKNIAA
SGKFSSDRTI KEAQNIWNV EPSDLKISLS NESNKVNGN.