

32-2304: Endonuclease Recombinant Protein

Alternative Name : GSD6,Glycogen phosphorylase,liver form.

Description

Source : Escherichia Coli. 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. Glycogen phosphorylase (PYGL) converts from inactive phosphorylase B to active phosphorylase A by phosphorylation of serine residue 15. Activity of the PYGL enzyme is further regulated by numerous allosteric effectors and hormonal controls. The liver isozyme supplies the glycemic demands of the body in general whereas the brain and muscle isozymes supply just those tissues.

Product Info

Amount :	5µg
Purification :	Greater than 80.0% as determined by SDS-PAGE.
Content :	PYGL protein solution (0.25mg/ml) in phosphate buffered saline (pH7.4), 30% glycerol and 1mM DTT.
Storage condition :	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 :	MGSSHHHHHH SSGLVPRGSH MGSEFELRRQ ASMAKPLTDQ EKRRQISIRG IVGVENVAEL KKSFNRLHF TLVKDRNVAT TRDYFALAH TVRDHLVGRW IRTQQHYDYK CPKRVIYLSL ERYMGRTLQN TMINLGLQNA CDEAIYQLGL DIELEEIEE DAGLGNGGLG RLAACFLDSM ATLGAAAYGY GIRYEGIFN QKIRDGWQVE EADDWLRYGN PWEKSRPEFM LPVHFYGVKVE HTNTGTKWID TQVVLALPYD TPVPGYMNNT VNTMRLWSAR APNDFNLRDF NVGDYIQAVL DRNLAENISR VLYPNDNFFE GKELRLKQEY FVVAATLQDI IRRFKASKFG STRGAGTVFD AFPDQVAIQL NDTHPALAIP ELMRIFVDIE KLPWSKAWEL TQKTFAYTNH TVLPEALERW PVDLVEKLLP RHLEIIEIN QKHLDRIVAL FPKDVDRLRR MSLIEEESK RINMAHLCIV GSHAVNGVAK IHSDIVKTKV FKDFSELEPD KFQNKNGIT PRRWLLCNP GLAELIAEKI GEDYVKDLSQ LTKLHSFLGD DVFLRELAKV KQENKLFQSQ FLETEYKVKI NPSSMFDVQV KRIHEYKQRL LNCLHVITMY NRIKKDPKLL FVPRTVIIGG KAAPGYHMAK MIIKLITVA DVVNDPMVG SKLKVIFLEN YRVSLAEKVI PATDLSEQIS TAGTEASGTG NMKFMLNGAL TIGTMDGANV EMAEEAGEEN LFIGMRIDD VAALDKKGYE AKEYEALPE LKLVIDQIDN GFFSPKQPD LFKDIINMLFY HDRFKVFADY EAYVKCQDKV SLYMNPKAW NTMVLKNIAA SGKFSSDRTI KEYAQNIWNV EPSDLKISLS NESNKVNGN.