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**GLC8, 1-229aa, Saccharomyces cerevisiae, His-tagged, Recombinant, E.coli**

**Cat.NO.: TP02247**

3th Edition

**Synonyms:**Glc8p

**Description:**GLC8 is a regulatory subunit of protein phosphatase 1 (Glc7p). This protein involved in glycogen metabolism and chromosome segregation, proposed to regulate Glc7p activity via conformational alteration; ortholog of the mammalian protein phosphatase inhibitor 2. Under normal conditions, Glc8p activates Glc7p, but when Glc8p is over produced, it may also inhibit Glc7p function.

**Form:**Liquid in 20mM Tris pH 8.0, 1mM DTT, 10% glycerol

**Molecular Weight:**30.7kDa (265aa) (Real molecular size on SDS-PAGE will be shift up)

**Sequences:**

MRGSHHHHHHGMASMTGGQQMGRDLYDDDDKDRWGSMGGILKNPLALSPEQLAQQDPETLEEFRRQVYENTQ  
KNAKLTSHKRNIPLDNTKEEGEIIIGTSSTFLPKDTLSLKHEQDMLAKMTPEERVQWNQRNLAENEITKKQFQDIHID  
EPKTPYQGAVDPHGGEYRVDDDEDEDNSDKKPCQVANDDIDDLSLGEPEFEIKENKQPDFETNDENDEDSPEARH  
KKFEEMRKKHYDVRAIFNKKSSREALKDEDEDEDDSTTKEP

**Purity:**> 95% by HPLC

**Concentration:**1 mg/ml (determined by Bradford assay)

**Endotoxin Level:**<1.0 EU per 1 ug of protein (determined by LAL method)

**Storage:**Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.