

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
EPKTPYQGAVDPHGGEYYRVDDDEDEDNSDKKPCQVANDDIDDLSLGEPEFEIKENKQPDFETNDENDEDSPEARH
KKFEEMRKKHYDVRAIFNKKSSREALKDEDEDEDSTTKEP

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.