

Product information



GLC8_{1-229aa}

Saccharomyces cerevisiae, His tagged, Recombinant, *E.coli*

Cat. No. IBGLC0901

Size: 0.5 mg
Size: 100 ug

Synonyms: Glc8p

NCBI Accession No.: NP_014042

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. Glc8p is activated upon phosphorylation by Pho85p complexed with four cyclins (Pcl6p, Pcl7p, Pcl8p, or Pcl10p). Recombinant yeast GLC8 protein, fused to His-tag at N-terminus, was expressed in *E.coli* and purified by using conventional chromatography techniques.

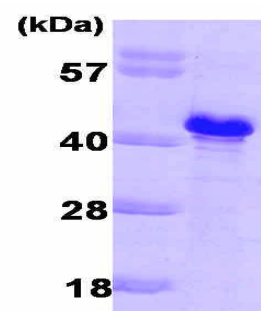
Form: Liquid in 20mM Tris pH 8.0, 1mM DTT, 10% glycerol

Molecular Weight: 30.7kDa (265aa)

(Real molecular size on SDS-PAGE will be shift up)

Purity: > 95% by SDS PAGE

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



15% SDS-PAGE (4ug)

Sequences of amino acids:

MRGSHHHHHH GMASMTGGQQ MGRDLYDDDD KDRWGSMMGI LKNPLALSPE QLAQQDPETL EEFRRQVYEN TQKNAKLTSH KRNIPGLDNT
KEEGEIIIGTS STFLPKDTLS LKHEQDMLAK MTPEERVQWN QRNLAENEIT KKQFQDIHID EPKTPYQGAV DPHGEYYRVD DDEDEDNSDK
KPCQVANDDI DDLSLGPEPEF EIKENKQPDF ETNDEDEDS PEARHKKFEE MRKKHYDVRA IFNKKSREAL KDEDEDDEDS TTKEP

General references:

Tung HY., *et al.* (1995) *Mol Cell Biol.* **15**(11):6064-74

Tan YS., *et al.* (2003) *J Biol Chem.* **278**(1):147-53

WARNING: THIS PRODUCT IS NOT INTENDED OR APPROVED FOR HUMAN, DIAGNOSTICS OR VETERINARY USE. USE OF THIS PRODUCT FOR HUMAN OR ANIMAL TESTING IS EXTREMELY HAZARDOUS AND MAY RESULT IN DISEASE, SEVERE INJURY, OR DEATH.

Product information



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.

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