Datasheet for ABIN666644

Glc8p Protein (GLC8) (AA 1-229) (His tag)

1 Image

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Overview

Quantity:	100 µg
Target:	Glc8p (GLC8)
Protein Characteristics:	AA 1-229
Origin:	Saccharomyces cerevisiae
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This Glc8p protein is labelled with His tag.
Application:	SDS-PAGE (SDS)

Product Details

Characteristics:	GLC8, 1-229aa, Saccharomyces cerevisiae, His-tagged, Recombinant, E.coli
Purity:	> 95 % by SDS PAGE

Target Details

Target:	Glc8p (GLC8)
Alternative Name:	GLC8
Background:	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 phosphoylation by Pho85p complexed with four cyclins

Target Details

	(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. Synonyms: Glc8p, GLC8,. NCBI no.: NP_014042
Molecular Weight:	30.7kDa (265aa), confirmed by MALDI-TOF. (Molecular weight on SDS-PAGE will appear higher)

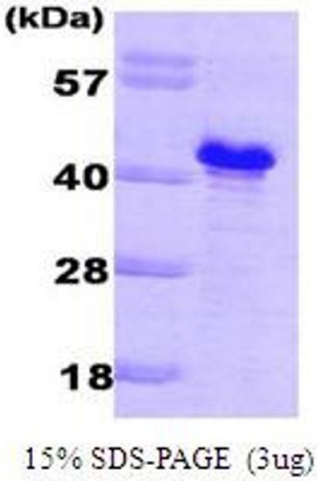
Application Details

Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 mg/ml (determined by Bradford assay)
Buffer:	Liquid in 20mM Tris pH 8.0, 1mM DTT, 10% glycerol
Storage:	4 °C

Images



SDS-PAGE

Image 1.