

# Product datasheet for AR09119PU-N

## GLC8 (1-229, His-tag) Yeast Protein

#### **Product data:**

#### OriGene Technologies, Inc.

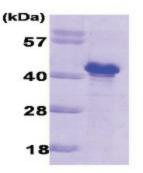
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Product Type:	Recombinant Proteins
Description:	GLC8 (1-229, His-tag) yeast recombinant protein, 0.1 mg
Species:	Yeast
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	MRGSHHHHHH GMASMTGGQQ MGRDLYDDDD KDRWGSMGGI LKNPLALSPE QLAQQDPETL EEFRRQVYEN TQKNAKLTSH KRNIPGLDNT KEEGEIIGTS STFLPKDTLS LKHEQDMLAK MTPEERVQWN QRNLAENEIT KKQFQDIHID EPKTPYQGAV DPHGEYYRVD DDEDEDNSDK KPCQVANDDI DDLSLGEPEF EIKENKQPDF ETNDENDEDS PEARHKKFEE MRKKHYDVRA IFNKKSREAL KDEDEDEDDS TTKEP
Tag:	His-tag
Predicted MW:	30.7 kDa
Concentration:	lot specific
Purity:	>95% by SDS PAGE
Buffer:	Presentation State: Purified State: Liquid purified protein Buffer System: 20 mM Tris pH 8.0, 1 mM DTT, 10% glycerol
Preparation:	Liquid purified protein
Protein Description:	Recombinant yeast (Saccharomyces cerevisiae) GLC8 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.
Storage:	Store (in aliquots) at -20°C or -70°C. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
RefSeq:	<u>NP 014042</u>
Summary:	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 (Pcl6p, Pcl7p, Pcl8p, or Pcl10p).



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### **Product images:**



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