

Product datasheet for **AR09119PU-N**

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

Product data:

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 TQKNAKLTSR KRNIPGLDNT KEEGEIIGTS STFLPKDTLS LKHEQDMLAK MTPPEERVQWN QRNLAENEIT KKQFQDIHID EPKTPYQGAV DPHGEYRVD DDEDEDNSDK KPCQVANDDI DDLSLGEPEF EIKENKQPDF ETNDENDEDS PEARHKKFEE MRKKHYDVRA IFNKKREAL 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 (<i>Saccharomyces cerevisiae</i>) 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:	NP_014042
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 phosphorylation by Pho85p complexed with four cyclins (Pcl6p, Pcl7p, Pcl8p, or Pcl10p).



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Product images:

