9051 Mira Mesa Blvd, #910094
San Diego, CA 92191
Tel: 760-390-3989

GLC8 Yeast

GLC8 Yeast Recombinant
RCP0920

Product Overview

Name	GLC8 Yeast
Description	
GLC8 Yeast Recombinant	
Accession (Primary)	P41818
Synonyms	
Protein GLC8, GLC8, YMR311C, YM9924.03C.	
Introduction	
GLC8 is a regulatory subunit of protein phosphatase 1 (Glc7p). GLC8 plays a role in glycogen metabolism and chromosome segregation, and regulates Glc7p activity through conformational alteration; ortholog of the mammalian protein phosphatase inhibitor 2. Under regular conditions, GLC8 triggers GLC7, but when GLC8 is over epxressed, it inhibits Glc7p function. GLC8 is activated upon phosphoylation by Pho85p complexed with four cyclins (Pcl6p, Pcl7p, Pcl8p, or Pcl10p).	
Source	
Escherichia Coli.	
Physical Appearance	
Sterile Filtered colorless solution.	
Formulation	
The protein solution (1mg/ml) contains 20mM Tris-HCl pH-8, 1mM DTT, and 10% glycerol.	
Stability	
Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.	
Purity	
Greater than 95% as determined by SDS-PAGE.	
Amino acid 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.	

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Precautions

GLC8 Yeast is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (P41818)