

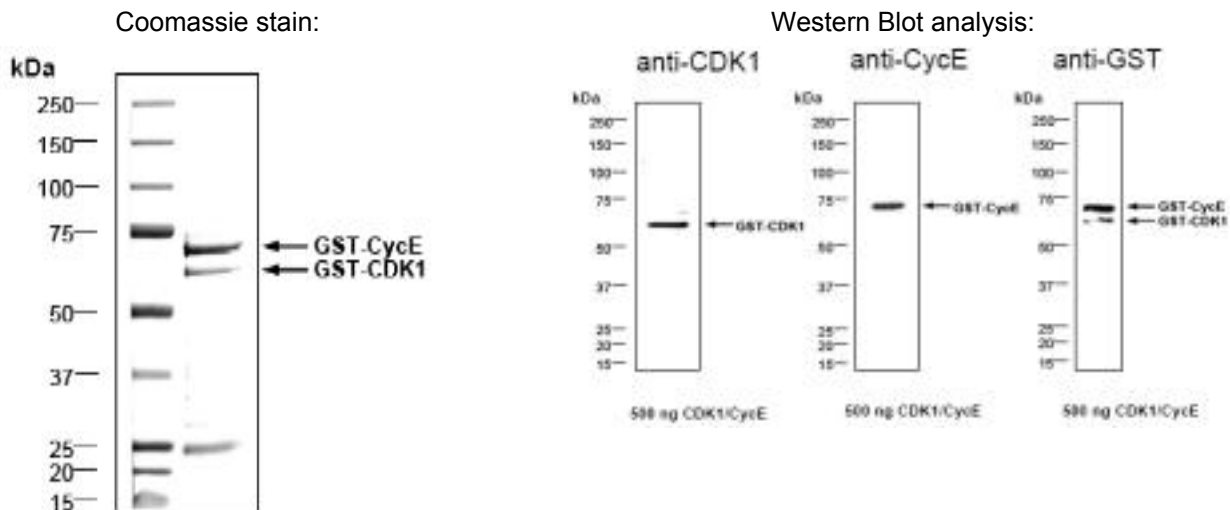
CDC2/CCNE1

Recombinant Human Cell Division Cycle 2 (aa 1-297)/Cyclin E1 (aa 1-395) Complex GST-His Tagged Active

Catalog No.	CRC027A	Quantity:	10 µg
Alternate Names:	CDC28A, CDK1 CCNE		
Description:	Coexpression of human CDC2, amino acids M ₁ -M ₂₉₇ (as in GenBank entry NM_001786)* and human CCNE1, amino acids M ₁ -A ₃₉₅ (as in GenBank entry M73812)*, N-terminally fused to GST-Thrombin cleavage site. *Sequence may contain documented polymorphisms. Detailed sequence available upon request.		
Concentration:	0.166 mg/ml		
Source:	Sf9 cells		
Molecular Weight:	GST-CDC2: 63.9 kDa GST-CCNE1: 72.0 kDa		
Formulation:	Liquid in 50 mM Tris-HCl, pH 8.0 + 100 mM NaCl + 5 mM DTT + 4 mM reduced glutathione + 20% glycerol		
Purification:	Affinity purified using GSH-agarose		
Specific Activity:	53 pmol/µg x min Method for determination of K _m value & Specific activity: Assay conditions: 60 mM HEPES-NaOH, pH 7.5 3 mM MgCl ₂ 3 mM MnCl ₂ 3 µM Na-orthovanadate 1.2 mM DTT 2.5 µg / 50 µl PEG _{20,000} ATP (variable) Substrate: Rb-CTF, 5 µg / 50 µl Recombinant CDC2/CCNE1: 200 ng / 50 µl Filter binding assay MSFC membrane (Millipore)		



Storage & Stability: Store in working aliquots at -80°C. **Avoid repeated freeze-thaw cycles.**



2.0 µg CDK1/CycE

NOT FOR HUMAN USE. FOR RESEARCH ONLY. NOT FOR DIAGNOSTIC OR THERAPEUTIC USE.



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