

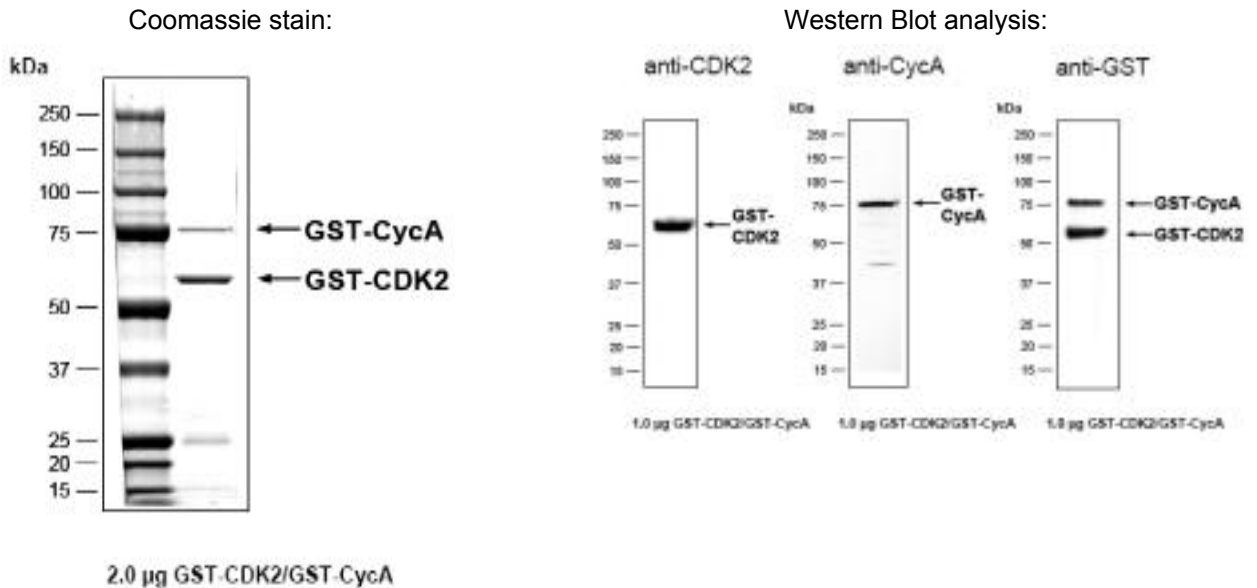
CDK2/CCNA2

Recombinant Human Cyclin-Dependent Kinase 2 (aa 1-298) /Cyclin A2 (aa 1-432) Complex GST Active

Catalog No.	CRC029A	Quantity:	10 µg
Alternate Names:	p33 CCN1, CCNA		
Description:	Coexpression of human CDK2, amino acids M ₁ -L ₂₉₈ (as in GenBank entry NM_001798)* and human CCNA2, amino acids M ₁ -L ₄₃₂ (as in GenBank entry NM_001237)*, both N-terminally fused to GST-Thrombin cleavage site. *Sequence may contain documented polymorphisms. Detailed sequence available upon request.		
Concentration:	0.273 mg/ml		
Source:	Sf9 insect cells		
Molecular Weight:	GST-CDK2: 60.2 kDa GST-CCNA2: 74.9 kDa		
Formulation:	Liquid in 50 mM HEPES pH 7.5, + 100 mM NaCl + 5 mM DTT + 15 mM reduced glutathione + 20% glycerol		
Purification:	Affinity purified using GSH-agarose		
Specific Activity:	67 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 50 µg / ml PEG _{20,000} ATP (variable) Substrate: Histone H1, 20 µg / ml Recombinant CDK2/CCNA2: 1.0 µg / ml Filter binding assay: MSFC membrane (Millipore)		



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



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

