

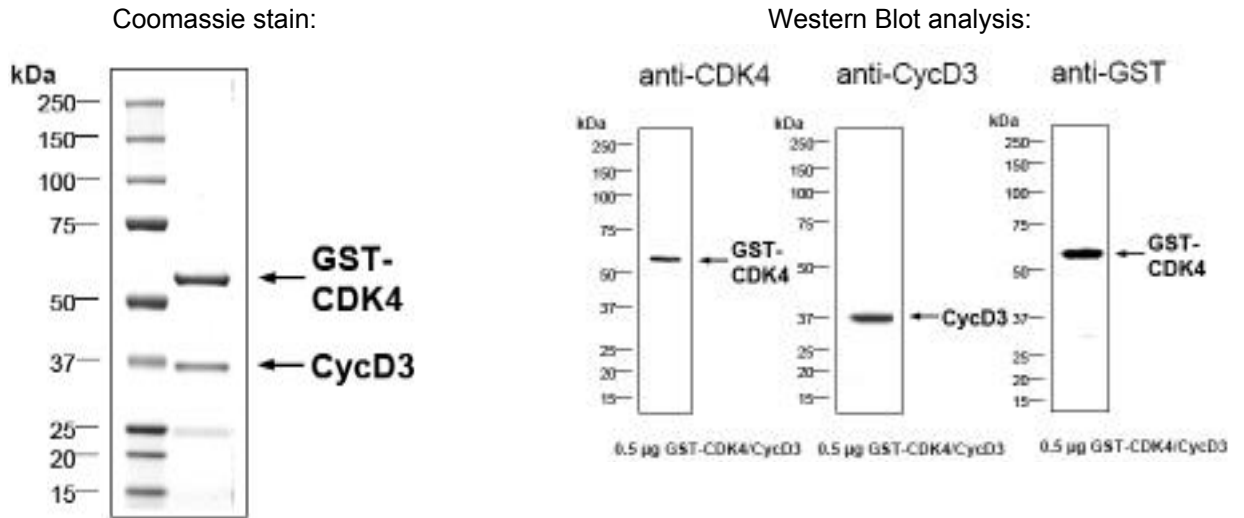
CDK4/CCND1

Recombinant Human Cyclin-Dependent Kinase 4 (aa 4-303) / Cyclin D1 (aa 1-292) Complex GST-His-Tagged Active

Catalog No.	CRC034A	Quantity:	10 µg
Alternate Names:	CMM3, PSK-J3 BCL1, PRAD1		
Description:	Co-expression of human CDK4, amino acids S ₄ -E ₃₀₃ (as in GenBank entry NM_000075)*, N-terminally fused to GST-HIS ₆ -Thrombin cleavage site and Human CCND1, amino acids M ₁ -L ₂₉₂ (as in GenBank entry NM_001760)*, N-terminally fused to HIS ₆ -Thrombin cleavage site. *Sequence may contain documented polymorphisms. Detailed sequence available upon request.		
Concentration:	0.337 mg/ml		
Source:	Sf9 cells		
Molecular Weight:	GST-CDK4: 59.7 kDa CCND1: 37.3 kDa		
Formulation:	Liquid in 50 mM Tris-HCl, pH 8.0 + 100 mM NaCl + 5 mM DTT + 4 mM reduced glutathione + 20% glycerol		
Specific Activity:	75 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, 10 µg / 50 µl Recombinant CDK4/CCND1: 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 GST-CDK4/CycD3

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

