

CSNK2A2

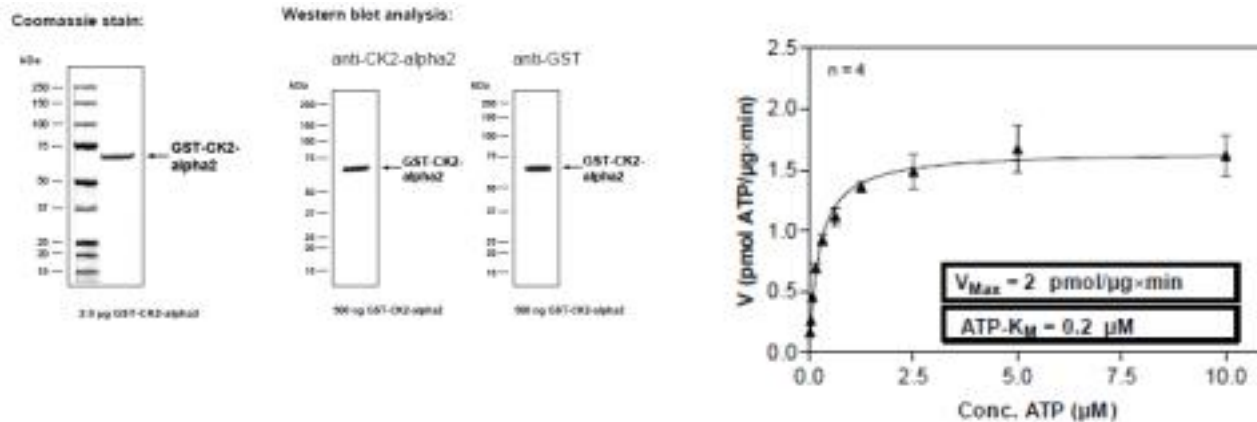
Recombinant Human Casein Kinase 2 alpha prime Active GST-His

Catalog No.	CSI12292	Quantity:	50 µg
Alternate Names:	CK2A2, CSNK2A1, FLJ43934		
Description:	CK2-alpha2, Amino acids M ₁ -R ₃₅₀ (as in GenBank entry NM_001896.2)*, N-terminally fused to GST-HIS ₆ -Thrombin cleavage site *Sequence may contain documented polymorphisms Detailed sequence on request		
Concentration:	0.715 µg/µl		
Gene ID:	1459		
Protein Accession No:	NM_001896.2		
Source:	Baculovirus infected Sf9 cells		
Molecular Weight:	Theoretical MW _{Fusion Protein} : 71,109 Da		
Formulation:	50 mM Tris-HCl, pH 8.0; 100 mM NaCl, 5 mM DTT, 4 mM reduced glutathione, 20% glycerol		
Purification:	One-step affinity purification using GSH-agarose		
Product Identity:	CK2-alpha2 was confirmed as CK2-alpha2 by specific Western Blotting using anti CK2-alpha2 antibody		
Specific Activity:	2 pmol/µg×min Method for determination of Km value and 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: Casein, 10 µg / 50 µl Recombinant CK2-alpha2: 200 ng / 50 µl • Filter binding assay MSFC membrane (Millipore)		



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

Determination of K_m value for ATP:



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



Cell Sciences®
480 Neponset Street
Bldg 12A
Canton, MA 02021

Toll Free: 888-769-1246
Phone: 781-828-0610
Fax: 781-828-0542

E-mail: info@cellsciences.com
Website: www.cellsciences.com