



OriGene Technologies Inc.

9620 Medical Center Drive, Ste 200  
Rockville, MD 20850  
UNITED STATES  
Phone: +1-858-888-7900  
Fax: +1-858-888-7904  
[US-info@acris-antibodies.com](mailto:US-info@acris-antibodies.com)

AR10189PU-S

OriGene EU

Acris Antibodies GmbH  
Schillerstr. 5  
32052 Herford  
GERMANY  
Phone: +49-5221-34606-0  
Fax: +49-5221-34606-11  
[info@acris-antibodies.com](mailto:info@acris-antibodies.com)

## Human Casein Kinase II Holoenzyme (active kinase) - Purified

<b>Catalog No.:</b>	AR10189PU-S
<b>Quantity:</b>	3 µg
<b>Concentration:</b>	0.5 mg/ml
<b>Species:</b>	Human
<b>Source:</b>	E. coli
<b>Format:</b>	<b>State:</b> Liquid sterile filtered clear solution <b>Purity:</b> >95.0% as determined by SDS-PAGE <b>Buffer System:</b> 25mM Tris-HCl, 500mM NaCl, 1mM DTT, 500 µM PMSF, 5% Glycerol, pH 8.5
<b>Description:</b>	Human recombinant Casein Kinase 2 holo enzyme containing alpha and beta subunits which were separately expressed in E. coli as non-fusion proteins and purified using several chromatographic steps. The holo enzyme has been reconstituted in the course of the purification and is highly active suitable for labelling CK2 substrates. CK2 holoenzyme is a non-glycosylated polypeptide having a Molecular Mass of 140 kDa. <b>Unit Definition:</b> No protease activity detectable. <b>Specific Activity:</b> > 1.3U/mg. 1U = 1µmol/min at 37°C using the Synthetic peptide RRRDDDSDDD.
<b>Storage:</b>	Store the antigen undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing. Shelf life: one year from despatch.