

## Human Casein Kinase II Holoenzyme - Purified

<b>Alternate names:</b>	CK II
<b>Catalog No.:</b>	PA1384XC
<b>Quantity:</b>	20 µg
<b>Concentration:</b>	0.5mg/ml
<b>Species:</b>	Human
<b>Source:</b>	E. coli, Escherichia Coli
<b>Format:</b>	<b>State:</b> Liquid purified protein (Sterile Filtered clear solution) <b>Purity:</b> >95% Greater than 95% 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. <b>Specific Activity:</b> > 1 U/mg > 1.3U/mg (1U = 1µmol/min at 37 degree C) using the synthetic peptide RRRDDDSDDD <b>Molecular weight:</b> 140 kDa 140 kDa
<b>Storage:</b>	Store the protein 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.