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32-2994: CSNK2A1 Recombinant Protein

Alternative Name : Casein kinase II subunit alpha,EC 2.7.11.1,CK II,CK2A1,CKII alpha,CSNK2A1,PKCK2,CSK21.

Description

Source : Escherichia Coli. Casein Kinase 2 alpha 1 Human Recombinant is a non-glycosylated polypeptide having a molecular mass of 45.1 kDa. Casein Kinase 2 is purified by proprietary chromatographic techniques. The Casein kinase 2 (EC2.7.11.1) is a serine/threonine-selective protein kinasethat is a tetramer of two alpha subunits and two beta subunits. The alpha subunits have the catalytic kinase domain. Casein kinase 2 has been implicated in cell cyclecontrol, DNA repair, regulation of the circadian rhythmand other cellular processes. Casein kinase 2 activity has been reported to be activated following Wnt signaling pathwayactivation. A Pertussis toxin-sensitive G proteinand Disheveled appear to be an intermediary between Wnt-mediated activation of the Frizzled receptor and activation of casein kinase 2.Mice that lack casein kinase 2 alpha prime have a defect in the morphology of developing sperm.

Product Info

Amount :	10 µg
Purification :	Greater than 99% as determined by SDS-PAGE.
Content :	CSNK2A1 is supplied in 25mM Tris-HCl, 500mM NaCl, 1mM DTT, 500µm PMSF, 50% glycerol, pH 8.5.
Storage condition :	Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. Avoid multiple freeze-thaw cycles.

For Research Use Only. Not for use in diagnostic/therapeutics procedures.