Recombinant Chicken Cyclin-A2 (CCNA2)

Product Code	CSB-YP004805CH
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	P43449
Product Type	Recombinant Protein
Immunogen Species	Gallus gallus (Chicken)
Purity	≥85% (SDS-PAGE)
Sequence	MLAEQENQEN VPPAAKAPPP AAGTRVALGL LRGGPARPGP AAQAARNGEG RGAAAGQQQQ PFSVYVDEPD EERRRPQRKK ERDEEAADAP GLRAALGTVG ERRPLAPLGN AMELSLDSPS IMDISITSEA EERPNVNNVP DYVSDIHTYL REMEVKCKPK IGYMKKQPDI TNNMRAILVD WLVEVGEEYK LQNETLHLAV NYIDRFLSSM SVLRGKLQLV GTAAMLLASK FEEIYPPEVA EFVYITDDTY NKKQVLRMEH LILKVLSFDL AAPTINQFLT QYFLHQQTNA KVESLSMYLG ELTLIDADPY LKYLPSVIAA AAFHLASYTI TGQTWPESLC KVTGYTLEHI KPCLMDLHRT YLKAAQHTQQ SIREKYKSTK YHAVSLIDAP ETLDL
Source	Yeast
Target Names	CCNA2
Protein Names	Recommended name: Cyclin-A2 Short name= Cyclin-A
Expression Region	1-395
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	Full length protein
Target Details	This protein belongs to the highly conserved cyclin family, whose members are characterized by a dramatic periodicity in protein abundance through the cell cycle. Cyclins function as regulators of CDK kinases. Different cyclins exhibit distinct expression and degradation patterns which contribute to the temporal coordination of each mitotic event. In contrast to cyclin A1, which is present only in germ cells, this cyclin is expressed in all tissues tested. This cyclin binds and activates CDC2 or CDK2 kinases, and thus promotes both cell cycle G1/S and G2/M transitions.
Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL.We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.
Shelf Life	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life

of lyophilized form is 12 months at -20°C/-80°C.