Recombinant Human G1/S-specific cyclin-E2 (CCNE2)

Product Code	CSB-YP004818HU
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	O96020
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	>85% (SDS-PAGE)
Sequence	MSRRSSRLQA KQQPQPSQTE SPQEAQIIQA KKRKTTQDVK KRREEVTKKH QYEIRNCWPP VLSGGISPCI IIETPHKEIG TSDFSRFTNY RFKNLFINPS PLPDLSWGCS KEVWLNMLKK ESRYVHDKHF EVLHSDLEPQ MRSILLDWLL EVCEVYTLHR ETFYLAQDFF DRFMLTQKDI NKNMLQLIGI TSLFIASKLE EIYAPKLQEF AYVTDGACSE EDILRMELII LKALKWELCP VTIISWLNLF LQVDALKDAP KVLLPQYSQE TFIQIAQLLD LCILAIDSLE FQYRILTAAA LCHFTSIEVV KKASGLEWDS ISECVDWMVP FVNVVKSTSP VKLKTFKKIP MEDRHNIQTH TNYLAMLEEV NYINTFRKGG QLSPVCNGGI MTPPKSTEKP PGKH
Source	Yeast
Target Names	CCNE2
Protein Names	Recommended name: G1/S-specific cyclin-E2
Expression Region	1-404
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. This cyclin forms a complex with and functions as a regulatory subunit of CDK2. This cyclin has been shown to specifically interact with CIP/KIP family of CDK inhibitors, and plays a role in cell cycle G1/S transition. The expression of this gene peaks at the G1-S phase and exhibits a pattern of tissue specificity distinct from that of cyclin E1. A significantly increased expression level of this gene was observed in tumor-derived cells.
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.