

CCNB2, 1-398aa, Human, His tag, E.coli

Cat.NO.: TP01473

3th Edition

Synonyms:G2/mitotic-specific cyclin-B2, HsT17299

Description:CCNB2, also known as G2/mitotic-specific cyclin-B2, belongs to the cyclin family.CCNB2 is essential for the control of the cell cycle at the G2/M (mitosis) transition. It interacts with the CDK1 protein kinase to form a serine/threonine kinase holoenzyme complex also known as maturation promoting factor (MPF).

Form:Liquid. 20mM Tris-HCl buffer (pH8.0) containing 50% glycerol, 0.2M NaCl, 5mM DTT

Molecular Weight:47.9 kDa (422aa) confirmed by MALDI-TOF

Sequences:

MGSSHHHHHSSGLVPRGSHMGSHMALLRRPTVSSDLENIDTGVNSKVKSHVTIRRTVLEEIGNRVTTTRAAQVAK
KAQNTKVPVQPTKTTNVNKQLKPTASVKPVQMEKLAPKGPSPTPEDVSMKEENLCQAFSDALLCKIEDIDNEDWEN
PQLCSDYVKDIYQYLRQLEVLQSINPHFLDGRDINGRMRAILVDWLQVHVKFRLQETLYMCGIMDRFLQVQPV
RKKLQLVGITALLASKYEEMFSPNIEDFVYITDNAYTSSQIREMETLILKELKFEGRPLPLHFLRRASKAGEVDVEQ
HTLAKYLMELTLIDYDMVHYHPSKVAAAASCLSQKVLGQGWNLKQQYYTGYTENEVLEVMQHMMAKNVVKVNENL
TKFIAIKNKYASSKLLKISMIPQLNSKAVKDLASPLIGRS

Purity:> 95% by HPLC

Concentration:0.25 mg/ml (determined by Bradford assay)

Endotoxin Level:<1.0 EU per 1 ug of protein (determined by LAL method)

Storage:Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.