

Cyclin H, 1- 323 aa, Human, His-tagged, Recombinant, E.coli

Cat.NO.: TP01807

3th Edition

Synonyms:CCNH, CAK, p34, p37

Description:Cyclin H, also known as CDK7, is a member of the cyclin-dependent protein kinase family, whose members are characterized by a dramatic periodicity in protein abundance through the cell cycle. Cyclins function as regulators of CDK kinases.

Form:Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 2mM DTT, 30% glycerol, 2mM EDTA, 0.1M NaCl

Molecular Weight:39.8 kDa (343aa), confirmed by MALDI-TOF

Sequences:

MGSSHHHHHHSSGLVPRGSHMYHNSSQKRHWTFSSSEQLARLRADANRKFRCCKAVANGKVLPNPVPVFLEPHEE
MTLCKYYEKRLLEFCVFKPAMPRSVVGTACMYFKRFYLNNSVMEYHPRIIMLTCAFLACKVDEFNVSSPQFVGNL
RESPLGQEKALEQILEYELLLIQQLNFHLIVHNPYRPFEGFLIDLKTRYPILENPEILRKTADDFLNRIALTDAYLLYTPS
QIALTAILSSASRAGITMESYLSESLMLKENRTCLSQLLDIMKSMRNLVKKYEPPEEVAVLKQKLERCHSAELALN
VITKKRKGIEDDDYVSKKSKHEEEWTDDDLVESL

Purity:> 95% by HPLC

Concentration:1.0 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.