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32-2955: CCNH Recombinant Protein

Alternative Name : CCNH,CAK,p34,p37,Cyclin-H,MO15-associated protein.

Description

Source : Escherichia Coli. CCNH Human Recombinant produced in E.Coli is a single, non-glycosylated, polypeptide chain containing 343 amino acids (1-323 a.a.) and having a molecular mass of 39.8 kDa. The CCNH is fused to a 20 amino acid His Tag and purified by proprietary chromatographic techniques. CCNH is part of the cyclin family that is known for its protein abundance through the cell cycle. Cyclins act as regulators of CDK kinases. CCNH forms a complex with CDK7 kinase and ring finger protein MAT1. The kinase complex is able to phosphorylate CDK2 and CDC2 kinases, therefore it functions as a CDK-activating kinase (CAK). CCNH and its kinase collaborator are components of TFIIH, as well as RNA polymerase II protein complexes.

Product Info

Amount :	25 µg
Purification :	Greater than 90% as determined by SDS-PAGE.
Content :	The CCNH solution contains 20mM Tris-HCl pH-8, 2mM DTT, 2mM EDTA, 0.1M NaCl and 30% glycerol.
Storage condition :	CCNH Recombinant Human although stable at 4°C for 30 days, should be stored desiccated below -20°C for periods greater than 30 days. Please avoid freeze-thaw cycles.
Amino Acid :	MGSSHHHHHH SSGLVPRGSH MYHNSSQKRH WTFSSEEQLA RLRADANRKF RCKAVANGKV LPNDPVFLEP HEEMTLCKYY EKRLLEFCSV FKPAMPRSVV GTACMYFKRF YLNNSVMEYH PRIIMLTCAF LACKVDEFNV SSPQFVGNLR ESPLGQEKAL EQILEYELLL IQQLNFHLIV HNPYRPFEGF LIDLKTRYPI LENPEILRKT ADDFLNRIAL TDAYLLYTPS QIALTAILSS ASRAGITMES YLSESLMLKE NRTCLSQLLD IMKSMRNLVK KYEPPRSEEV AVLKQKLERC HSAELALNVI TKKRKGYEDD DYVSKKSKHE EEEWTDDDLV ESL.

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