

Cyclin H Recombinant Protein | CCNH recombinant protein

Cyclin H, 1- 323aa, Human, His tag, E Coli

CATALOG # AAA48574	HOST E Coli	APPLICATIONS SDS-Page
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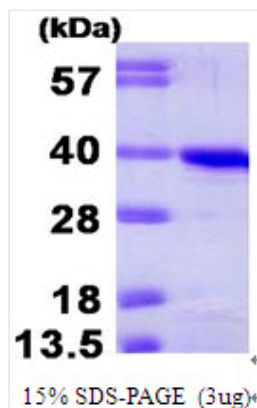
PRODUCT SYNONYMS

Cyclin H; 1- 323aa; Human; His tag; E Coli; CCNH; CAK; p34; p37; 6330408H09Rik; A1661354; AV102684; AW538719; CDK activating kinase; Cyclin dependent kinase activating kinase; CyclinH; MO15 associated protein; P36; Cyclin-H; CCNH recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	> 90% by SDS-PAGE
Form/Format	Liquid. In 20mM Tris-HCl Buffer (pH 8.0) containing 2mM DTT, 30% glycerol, 2mM EDTA, 0.1M NaCl
Concentration	1mg/ml (determined by Bradford assay) (varies by lot)
Sequence	MGSSHHHHHH SSGLVPRGSH MYHNSSQKRH WTFSEEQLA RLRADANRKF RCKAVANGKV LPNDPVFLEP HEEMTLCKYY EKRLLEFCSV FKPAMPRSVV GTACMYFKRF YLNNVMEYH PRIIMLTCAF LACKVDEFNV SSPQFVGNLR ESPLGQEKAL EQILEYELLQ IQLNFHLIV HNPYRPFEGF LIDLKTRYPI LENPEILRKT ADDFLNRIAL TDAYLLYTPS QIALTAILSS ASRAGITMES YLSESLMLKE NRTCLSQLLD IMKSMRNLVK KYEPPRSEEV AVLKQKLERC HSAELALNVI TKKRKGYEDD DYVSKKSKHE EEEWTDDDLV ESL
Sequence Length	323
Applicable Applications for CCNH recombinant protein	SDS-PAGE
Antigen Species	Human
Tag Information	His-tag
Preparation and Storage	Can be stored at 4 degree C short term (1-2 weeks). For long term storage, aliquot and store at -20 degree C or -70 degree C. Avoid repeated freezing and thawing cycles.

IMAGES



SDS-PAGE

ADDITIONAL INFORMATION

Related Product Information for CCNH recombinant protein	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. Different cyclins exhibit distinct expression and degradation patterns which contribute to the temporal coordination of each mitotic event. Cyclin H forms a trimeric complex with cyclin H and MAT1, which functions as a CDK-activating kinase (CAK). Cyclin H is an essential component of the transcription factor TFIIH that is involved in transcription initiation and DNA repair. Recombinant human Cyclin H, fused to His-tag at N-terminus, was expressed in E Coli and purified by using conventional chromatography techniques.
Product Categories/Family for CCNH recombinant protein	Cell Cycle
References	Schneider, E., et al. (1998) Oncogene. 17 (21):2733-41.; Yee A., et al. (1995) Canser Res. 55 (24):6058-62.;

NCBI AND UNIPROT INFORMATION

NCBI GI #	4502623
NCBI GeneID	902
NCBI Accession #	NP_001230
NCBI GenBank Nucleotide #	NM_001239.3
UniProt Accession #	P51946; Q53X72; Q8TBL9
Molecular Weight	39.8 kDa (343aa), confirmed by MALDI-TOF
NCBI Official Full Name	cyclin-H isoform 1
NCBI Official Synonym Full Names	cyclin H
NCBI Official Symbol	CCNH
NCBI Official Synonym Symbols	CAK; p34; p37; Cych
NCBI Protein Information	cyclin-H
UniProt Protein Name	Cyclin-H
UniProt Gene Name	CCNH

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.