

Product datasheet for MC210415

Ccnh (NM_023243) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Ccnh (NM_023243) Mouse Untagged Clone
Tag: Tag Free
Symbol: Ccnh
Synonyms: 6330408H09Rik; AI661354; AV102684; AW538719
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC210415 representing NM_023243
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGC**C

ATGTATCACAGCAGCAGCCAGAAACGGCACTGGACCTTCGCTAGCGAGGAGCAGCTGGCGCGCTGCGGG
CGGACGCCAACCGCAAATCAAGTGCAAAGCTGTGGCTAACGGGAAGTTCTTCCAAATGATCCAGTGTT
TCTGGAGCCTCATGAAGAATTGACTTTGCAAGTACTATGAAAAAGATTATTGGAATTCTGTTTCAGTG
TTTAAACCAGCTATGCCACGGTCTGTTGTGGGTACAGCTTGATGTATTTCAAGCGTTTTTATCTTAATA
ACTCAGTAATGGAATATCACCTCGGATAATAATGCTTACTTGTGCATTTTTGGCCTGCAAAGTAGATGA
ATTCATGTGTCTAGTCCCAGTTTGTGGAAATCTTCGAGAGAGTCCTCTTGGACAGGAGAGGGCACTG
GAACAGATTTTGGAAATGAAGTACTACTTATACAACAATTAATTTTACCTTATTGTCCACAATCCAT
ACAGACCATTTGAAGGCTTCTCATCGATATAAAGACTCGGTACCCCATGTTGGAGAATCCGGAGATTCT
GAGGAAAACAGCTGATGATTTTCTTAGTAGAATTGCATTGACAGATGCTTATCTTTATACACACCTTCA
CAGATTGCCCTGACCGCCATTTTATCAAGTGCCTTAGAGCTGGAATTAATGAAAAGCTACTTATCAG
AGAGTCTAATGCTAAAAGAAAACAGAACTTGCCGTGCACAGTACTGGATATAATGAAAAGCATGAGAAA
TCTAGTAAAAAGTACGAGCCGCCAGGTCTGACGAGTTGCTGTCTGAAACAGAAGCTGGAGCGGTGT
CATTCTTCTGACCTTGCCTTAATGCGGTTACGAAGAAGAGGAAAGGCTATGAAGATGATGACTATGTG
CAAAGAAACCAAACAGGAAGAGGAGGAATGGACTGATGACGACCTGGTAGATTCTCT**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_023243
Insert Size: 972 bp



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OTI Disclaimer:	Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
Components:	The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).
Reconstitution Method:	<ol style="list-style-type: none">1. Centrifuge at 5,000xg for 5min.2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.3. Close the tube and incubate for 10 minutes at room temperature.4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.
RefSeq:	NM_023243.5 , NP_075732.1
RefSeq Size:	1976 bp
RefSeq ORF:	972 bp
Locus ID:	66671
UniProt ID:	Q61458
Cytogenetics:	13 C3
Gene Summary:	<p>Regulates CDK7, the catalytic subunit of the CDK-activating kinase (CAK) enzymatic complex. CAK activates the cyclin-associated kinases CDK1, CDK2, CDK4 and CDK6 by threonine phosphorylation. CAK complexed to the core-TFIIF basal transcription factor activates RNA polymerase II by serine phosphorylation of the repetitive C-terminal domain (CTD) of its large subunit (POLR2A), allowing its escape from the promoter and elongation of the transcripts. Involved in cell cycle control and in RNA transcription by RNA polymerase II. Its expression and activity are constant throughout the cell cycle.[UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (1) represents the longest transcript and encodes the longest isoform (a).</p>