

Recombinant Human CCNQ Protein (Full length), N-GST-tagged

Cat. No. CCNQ-28H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant full-length human CyclinM was expressed by baculovirus in Sf9 insect cells using an N-terminal GST tag.
Species	Human
Source	Sf9 Cells
ProteinLength	Full Length
Description	Cyclin M, the only conventional cyclin partner of CDK10, protects CDK10 from ubiquitin-mediated degradation. Cyclin M exhibits strong sequence homology to transcriptional cyclins, especially the L-type cyclins that are associated with CDK11, 12 and 13 to regulate transcription and splicing. CDK10 is required to form a complex with Cyclin M in order to phosphorylate Histone H1, the canonical CDK substrate, and ETS2, a transcription factor that plays key roles in cancer and development.
Molecular Mass	Observed MW: ~54 kDa. Calculated MW: ~54 kDa.
Purity	The purity of CyclinM was determined to be > 90 % by densitometry.
Stability	One year at -70 centigrade from date of shipment.
Storage	Store product at -70 centigrade. For optimal storage, aliquot target into smaller

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quantities after centrifugation and store at recommended temperature. For most favorable performance, avoid repeated handling and multiple freeze/thaw cycles.

Concentration 0.05 µg/µL

Storage Buffer Recombinant protein stored in 50mM Tris-HCl, pH 7.5, 150mM NaCl, 10mM glutathione, 0.1mM EDTA, 0.25mM DTT, 25% glycerol.

Shipping Dry ice

GENE INFORMATION

Gene Name CCNQ cyclin Q [Homo sapiens (human)]

Official Symbol CCNQ

Synonyms CCNQ; cyclin Q; CycM; FAM58A; cyclin-Q; CDK10-activating cyclin; cyclin M; cyclin-related protein FAM58A; family with sequence similarity 58 member A

Gene ID 92002

mRNA Refseq NM_152274

Protein Refseq NP_689487

MIM 300708

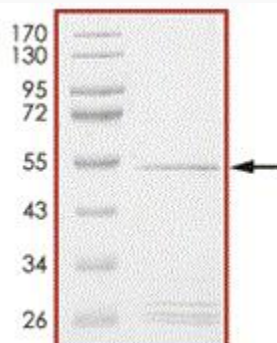
UniProt ID Q8N1B3

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Purity



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