

Cyclin-T1 (CCNT1) Recombinant Protein | CCNT1r recombinant protein

Recombinant Human Cyclin-T1 (CCNT1)

CATALOG # AAA115857	HOST E Coli or Yeast or Baculovirus or Mammalian Cell
-------------------------------	---

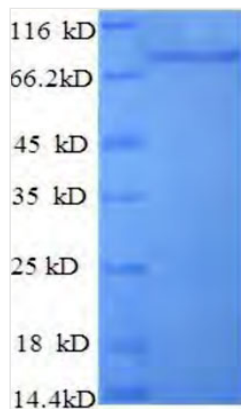
PRODUCT SYNONYMS

Cyclin-T1 (CCNT1); Recombinant Human Cyclin-T1 (CCNT1); CCNT1r recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE.
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Sequence Positions	1-726aa; Full Length
Sequence	MEGERKNNNK RWYFTREQLE NSPSRRFGVD PDKELSYRQQ AANLLQDMGQ RLNVSQLTIN TAIVYMHRFY MIQSFTQFPG NSVAPAALFL AAKVEEQPKK LEHVIKVAHT CLHPQESLPD TRSEAYLQQV QDLVILESII LQTLGFELTI DHPHITHVVKC TQLVRASKDL AQTSYFMATN SLHLTTFSLQ YTPPVVACVC IHLACKWSNW EIPVSTDGKH WWEYVDATVT LELLDELTHE FLQILEKTPN RLKRIWNWRA CEAAKTKAD DRGTDEKTSE QTILNMISQS SSDTTIAGLM SMSTSTTSV PSLPVSEESS SNLTSVEMLP GKRWLSSQPS FKLEPTQGHR TSENALTGV DHSLPQDGSN AFISQKQNSK SVPSAKVSLK EYRAKHAEEL AAQKRQLENM EANVKSQYAY AAQNLLSHHD SHSSVILKMP IEGSENPERP FLEKADKTAL KMRIPVAGGD KAASSKPEEI KMRIKVHAAA DKHNSVEDSV TKSREHKEKH KTHPSNHHHH HNHSHKHSH SQLPVG TGNGK RPGDPKHSSQ TSNLAHKTY S LSSSFSSSSS TRKGPSEET GGAVFDHPAK IAKSTKSSSL NFSFSLPTM GQMPGHSSDT SGLSFSQPSC KTRVPHSKLD KGPTGANGHN TTQTIDYQDT VNMLHSLLSA QGVQPTQPTA FEFVRPYSDY LNPRSGGISS RSGNTDKPRP PPLPSEPPPP LPPLPK
Species	Human
Preparation and Storage	Store at -20 degrees C. For long-term storage, store at -20 degrees C or -80 degrees C. Store working aliquots at 4 degrees C for up to one week. Repeated freezing and thawing is not recommended.

IMAGES



SDS-PAGE

ADDITIONAL INFORMATION

Related Product Information for CCNT1r recombinant protein	This protein belongs to the highly conserved cyclin 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. This cyclin tightly associates with CDK9 kinase, and was found to be a major subunit of the transcription elongation factor p-TEFb. The kinase complex containing this cyclin and the elongation factor can interact with, and act as a cofactor of human immunodeficiency virus type 1 (HIV-1) Tat protein, and was shown to be both necessary and sufficient for full activation of viral transcription. This cyclin and its kinase partner were also found to be involved in the phosphorylation and regulation of the carboxy-terminal domain (CTD) of the largest RNA polymerase II subunit.
--	---

NCBI AND UNIPROT INFORMATION

NCBI GI #	17978466
NCBI GeneID	904
NCBI Accession #	NP_001231.2
NCBI GenBank Nucleotide #	NM_001240.3
UniProt Accession #	O60563; O60581; A9XU13; E7EX76
Molecular Weight	21,206 Da
NCBI Official Full Name	cyclin-T1 isoform a
NCBI Official Synonym Full Names	cyclin T1
NCBI Official Symbol	CCNT1
NCBI Official Synonym Symbols	CCNT; CYCT1; HIVE1
NCBI Protein Information	cyclin-T1
UniProt Protein Name	Cyclin-T1
UniProt Gene Name	CCNT1
UniProt Synonym Gene Names	CycT1; Cyclin-T

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.