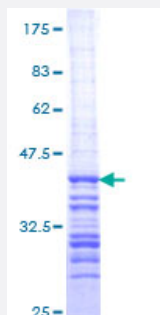


CCNT2 (Human) Recombinant Protein (Q01)

Catalog # H00000905-Q01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human CCNT2 partial ORF (NP_490595, 264 a.a. - 370 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	RKPKVDGQVSETPLLGSSLVQNSILVDSVTGVPTNPSFQKPSTSAFPAPVPLNSGNISVQDSHTS DNLSMLATGMPSTSYGLSSHQEWPHQDSARTEQLYSQKQET
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	37.51
Interspecies Antigen Sequence	Mouse (85); Rat (78)
Preparation Method	in vitro wheat germ expression system
Purification	Glutathione Sepharose 4 Fast Flow
Quality Control Testing	12.5% SDS-PAGE Stained with Coomassie Blue.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — CCNT2

Entrez GeneID [905](#)

GeneBank Accession# [NM_058241](#)

Protein Accession# [NP_490595](#)

Gene Name CCNT2

Gene Alias FLJ90560, MGC134840

Gene Description cyclin T2

Omim ID [603862](#)

Gene Ontology [Hyperlink](#)

Gene Summary The protein encoded by this gene 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 and its kinase partner CDK9 were found to be subunits of the transcription elongation factor p-TEFb. The p-TEFb complex containing this cyclin was reported to interact with, and act as a negative regulator of human immunodeficiency virus type 1 (HIV-1) Tat protein. Two alternatively spliced transcript variants, which encode distinct isoforms, have been described. [provided by RefSeq]

Other Designations SDS-stable vimentin-bound DNA fragment HEF42VIM22|cyclin T2a|cyclin T2b|subunit of positive elongation transcription factor b

Disease

- [Tobacco Use Disorder](#)