

Recombinant Human RNGTT Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. RNGTT-5281H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	RNGTT MS Standard C13 and N15-labeled recombinant protein (NP_003791) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	RNGTT (RNA Guanylyltransferase And 5'-Phosphatase) is a Protein Coding gene. Diseases associated with RNGTT include Cecum Carcinoma and Cecum Adenocarcinoma. Among its related pathways are HIV Transcription Elongation and Gene Expression. Gene Ontology (GO) annotations related to this gene include GTP binding and protein tyrosine phosphatase activity. An important paralog of this gene is DUSP11.
Molecular Mass	68.4 kDa
AA Sequence	MAHNKIPPRWLNCPRRGQPVAGRFLPLKTMLGPRYDSQVAEENRFHPSMLSNYLK SLKVKMGLLVDLTNTSRFYDRNDIEKEGIKYIKLQCKGHGECPTTENTETFIRLCERF NERNPPELIGVHCTHGFNRTGFLICAFLEKMDWSIEAAVATFAQARPPGIYKGDYL KELFRRYGDIEEAPPPPLLPDWCFEDEDDEDEDGKKESEPGSSASFGKRRKERL KLGAIFLEGVTVKGVTVTTQPKLGEVQQKCHQFCGWEGSGFPGAQPVSMKQNI KLLDLKPYKVSWKADGTRYMMLIDGTNEVFMDRDNSVFHVSNLEFPFRKDLRMHL SNTLLDGEMIIDRVNGQAVPRYLIYDIKFNSQPVGDCDFNVRLQCIEREIISPRHEKM

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KTGLIDKTQEPFSVRNKPFFDICTSRKLLEGNFAKEVSHMDGLIFQPTGKYKPGRC
DDILKWKPPSLNSVDFRLKITRMGGEGLLPQNVGLLYVGGYERPFQAQIKVTKEKQY
DNKIIIECKFENNSWVFMQRRTDKSFPNAYNTAMAVCNSISNPVTKEMLFEFIDRCTA
ASQGQKRKHHLDPDTELMPPPPPKRPHPLTTRTRPLEQKLISEEDLAANDILDYKDD
DDKV

Purity > 80% as determined by SDS-PAGE and Coomassie blue staining

Stability Stable for 3 months from receipt of products under proper storage and handling conditions.

Storage Store at -80 centigrade. Avoid repeated freeze-thaw cycles.

Concentration 50 µg/mL as determined by BCA

Storage Buffer 100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name [RNGTT RNA guanylyltransferase and 5-phosphatase \[Homo sapiens \(human\) \]](#)

Official Symbol [RNGTT](#)

Synonyms RNGTT; RNA guanylyltransferase and 5-phosphatase; mRNA-capping enzyme; hCAP; HCE; HCE1; HCAP1; CAP1A; DKFZp686J2031;

Gene ID [8732](#)

mRNA Refseq [NM_003800](#)

Protein Refseq [NP_003791](#)

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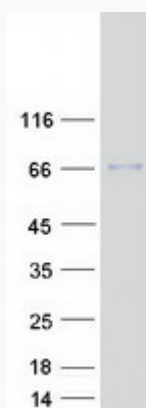
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MIM 603512

UniProt ID O60942

SDS-PAGE



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