

## Product datasheet for **AR51625PU-S**

### **RNGTT / HCE (1-597, His-tag) Human Protein**

#### **Product data:**

<b>Product Type:</b>	Recombinant Proteins
<b>Description:</b>	RNGTT / HCE (1-597, His-tag) human recombinant protein, 50 µg
<b>Species:</b>	Human
<b>Expression Host:</b>	E. coli
<b>Expression cDNA Clone or AA Sequence:</b>	MGSSHHHHHH SSGLVPRGSH MGSMAHNKIP PRWLNCPRRG QPVAGRFLPL KTMLGPRYDS QVAEENRFHP SMLSNYLKSL KVKMGLLVDL TNSRFYDRN DIEKEGIKI KLQCKGHGEC PTTENTETFI RLCERFNERN PPELIGVHCT HGFNRTGFLI CAFLVEKMDW SIEAAVATFA QARPPGIYKG DYLKELFRRY GDIEEAPPPP LLPDWCFEDD EDEDEDEDGK KESEPGSSAS FGKRRKERLK LGAIFLEGVT VKGVTQVTTQ PKLGEVQKQC HQFCGWEGSG FPGAQVSM D KQNIKLLDLK PYKVSWKADG TRYMMLIDGT NEVFMIDRDN SVFHVSNLEF PFRKDLRMHL SNTLLDGEMI IDRNVGQAVP RYLIYDIKF NSQVGD CDF NVRLQCIERE IISPRHEKMK TGLIDKTQEP FSVRNKPFDF ICTSRKLEGG NFAKEVSHEM DGLIFQPTGK YKPGRCDDIL KWKPPSLNSV DFRLKITRMG GEGLLPQNVG LLYVGGYERP FAQIKVKEL KQYDNKIIEC KFENNSWVFM RQRTDKSFPN AYNTAMAVCN SISNPVTKEM LFEFIDRCTA ASQGQKRKHH LDPDTELMPP PPPKRPRPLT
<b>Tag:</b>	His-tag
<b>Predicted MW:</b>	70.9 kDa
<b>Concentration:</b>	lot specific
<b>Purity:</b>	>85% by SDS - PAGE
<b>Buffer:</b>	Presentation State: Purified State: Liquid purified protein Buffer System: 20 mM Tris-HCl buffer (pH 7.5) containing 0.2M NaCl, 40% glycerol, 2 mM DTT, 0.1 mM PMSF
<b>Preparation:</b>	Liquid purified protein
<b>Protein Description:</b>	Recombinant human RNGTT protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.
<b>Storage:</b>	Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer. Avoid repeated freezing and thawing.
<b>Stability:</b>	Shelf life: one year from despatch.
<b>RefSeq:</b>	<a href="#">NP_001273355</a>



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Locus ID:	8732
UniProt ID:	<a href="#">O60942</a> , <a href="#">Q7Z3R6</a>
Cytogenetics:	6q15
Synonyms:	CAP1A; hCAP; HCE; HCE1
Summary:	Bifunctional mRNA-capping enzyme exhibiting RNA 5'-triphosphatase activity in the N-terminal part and mRNA guanylyltransferase activity in the C-terminal part. Catalyzes the first two steps of cap formation: by removing the gamma-phosphate from the 5'-triphosphate end of nascent mRNA to yield a diphosphate end, and by transferring the gmp moiety of GTP to the 5'-diphosphate terminus.[UniProtKB/Swiss-Prot Function]
Protein Families:	Druggable Genome, Phosphatase

**Product images:**