

Recombinant Human RNGTT, GST-tagged

Cat. No. RNGTT-2349H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human RNGTT protein, fused to GST-tag, was expressed in E.coli and purified by GSH-sepharose.
Species	Human
Source	E.coli
ProteinLength	C-term-356aa
Storage	The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.
Storage Buffer	1M PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH8.) added with 100mM GSH and 1% Triton X-100, 15% glycerol.

GENE INFORMATION

Gene Name	RNGTT RNA guanylyltransferase and 5-phosphatase [Homo sapiens]
Official Symbol	RNGTT
Synonyms	RNGTT; RNA guanylyltransferase and 5-phosphatase; mRNA-capping enzyme; hCAP; HCE; HCE1; HCAP1; CAP1A; DKFZp686J2031;
Gene ID	8732

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mRNA Refseq	NM_003800
Protein Refseq	NP_003791
MIM	603512
UniProt ID	O60942
Chromosome Location	6q16
Pathway	Disease, organism-specific biosystem; Gene Expression, organism-specific biosystem; HIV Infection, organism-specific biosystem; HIV Life Cycle, organism-specific biosystem; Late Phase of HIV Life Cycle, organism-specific biosystem; RNA Pol II CTD phosphor
Function	GTP binding; hydrolase activity; mRNA guanylyltransferase activity; nucleotide binding; nucleotidyltransferase activity; phosphatase activity; polynucleotide 5-phosphatase activity; protein tyrosine phosphatase activity; protein tyrosine/serine/threonine