

Recombinant Human TENT5C Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. TENT5C-3074H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	FAM46C MS Standard C13 and N15-labeled recombinant protein (NP_060179) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	Nucleotidyltransferase that act as a non-canonical poly(A) RNA polymerase which enhances mRNA stability and gene expression. Mainly targets mRNAs encoding endoplasmic reticulum-targeted protein and may be involved in induction of cell death.
Molecular Mass	44.9 kDa
AA Sequence	MAEESSCTRD CMSFSVLNWDQVSRLHEVLTEVVPIHGRGNFPTLEITLKDIVQTVRS RLEEAGIKVHDVRLNGSAAGHVLVKDNLGCKDLDLIFHVALPTEAEFQLVRDVVLC SLLNFLPEGVNKLKISPVTLKEAYVQKLVKVCTDTRWSLISLSNKNKGKNVELKFVDS IRRQFEFSVDSFQIILDSLLFFYDCSNNPISEHFHPTVIGESMYGDFEEAFDHLQNRLI ATKNPEEIRGGGLLKYSNLLVRDFRPTDQEEIKTLERYMCSRFFIDFPDILEQQRKLE TYLQNHFAEEERSKYDYLMILRRVNVNESTVCLMGHERRQTLNLISLLALRVLAEQNIIP SATNVTCYYQPAPYVSDGNFSNYYVAHPPVTYSQPYPTWLP CNTRTRPLEQKLISE EDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining

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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.

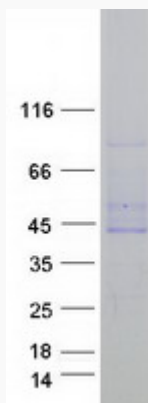
GENE INFORMATION

Gene Name	TENT5C terminal nucleotidyltransferase 5C [Homo sapiens (human)]
Official Symbol	TENT5C
Synonyms	TENT5C; terminal nucleotidyltransferase 5C; FAM46C; terminal nucleotidyltransferase 5C; family with sequence similarity 46 member C; non-canonical poly(A) polymerase FAM46C; protein FAM46C; putative nucleotidyltransferase FAM46C; EC 2.7.7.19
Gene ID	54855
mRNA Refseq	NM_017709
Protein Refseq	NP_060179
MIM	613952
UniProt ID	Q5VWP2

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SDS-PAGE

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