

Recombinant Human TENT5C Protein Product Manual

1. Product Basic Information

Product No.: REP08421

Protein Name: Protein Fam46C (TENT5C)

Aliases: protein FAM46C; terminal nucleotidyltransferase 5C; putative nucleotidyltransferase FAM46C; non-canonical poly(A) polymerase FAM46C; family with sequence similarity 46 member C

UniProt ID: Q5VWP2

UniProt Link: <https://www.uniprot.org/uniprotkb/Q5VWP2/entry>

Species Source: Homo sapiens (Human)

Expression System: Mammalian cell

Protein Length: Full Length (1-391aa)

Molecular Weight: 73.9 kDa

Protein Tag: C-terminal hFc1-tagged

2. Amino Acid Sequence (1-391aa)

MAEESSTRDCMSFSVLNWDQVSRLHEVLTEVVPIHGRGNFPTLEITLKDIVQTVRS
RLEEAGIKVHVDVRLNGSAAGHVLVKDNGLGCKDLDLIFHVALPTEAEFQLVRDVLVLC
SLLNFLPEGVNKLKISPVTLKEAYVQKLVKVCTDTRWSLISLSNKNKNGKNVELKFVD
SIRRQFEFSVDSFQIILDSLLFFYDCSNNPISEHFHPTVIGESMYGDFEEAFDHLQNR
LIATKNPEEIRGGGLLKYSNLLVRDFRPTDQEEIKTLERYMCSRFFIDFPDILEQQRKL
ETYLQNHFAEEERSKYDYLMILRRVNESTVCLMGHERRQTLNLISLLALRVLAEQNI
IPSATNVTCYYQPAPYVSDGNFSNYYVAHPPVTYSQPYPTWLPCN

3. Storage Buffer

Liquid Delivery Form: Tris/PBS-based buffer with 5%-50% glycerol. Custom glycerol content is available upon customer request (please specify requirements when placing orders).

Lyophilized Powder Delivery Form: Pre-lyophilization buffer is Tris/PBS-based buffer containing 6% Trehalose.



4. Storage Conditions

Upon receipt, store the product at -20°C or -80°C. It is recommended to aliquot the protein for multiple uses to avoid repeated freeze-thaw cycles, which may cause protein denaturation and activity loss.

5. Product Description

This product is a recombinant Human TENT5C full length protein (1-391aa) expressed in Mammalian cell. The protein is with hFc1 tag at the C-terminus, which facilitates protein purification, detection and identification. TENT5C, also known as protein FAM46C or terminal nucleotidyltransferase 5C or putative nucleotidyltransferase FAM46C, is suitable for related in vitro functional assays, protein interaction studies, antibody preparation and other biomedical research applications.

6. Notes

- Repeated freezing and thawing of the product is strictly prohibited to ensure protein stability and biological activity.
- For special buffer component requirements, please submit a note when purchasing.
- This product is only for scientific research use, not for clinical diagnosis, treatment or commercial production purposes.