



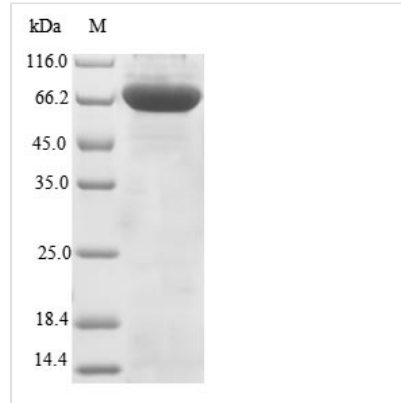
# Recombinant Human Terminal nucleotidyltransferase 4B (TENT4B)

<b>Product Code</b>	CSB-EP843329HUa2
<b>Relevance</b>	Catalytic subunit of a TRAMP-like complex which has a poly(A) RNA polymerase activity and is involved in a post-transcriptional quality control mechanism. Polyadenylation with short oligo(A) tails is required for the degradative activity of the exosome on several of its nuclear RNA substrates. Doesn't need a cofactor for polyadenylation activity (in vitro). Plays a role in replication-dependent histone mRNA degradation, probably through terminal uridylation of mature histone mRNAs. May play a role in sister chromatid cohesion.
<b>Abbreviation</b>	Recombinant Human TENT4B protein
<b>Storage</b>	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
<b>Uniprot No.</b>	Q8NDF8
<b>Storage Buffer</b>	Tris-based buffer,50% glycerol
<b>Product Type</b>	Recombinant Proteins
<b>Immunogen Species</b>	Homo sapiens (Human)
<b>Purity</b>	≥ 85% as determined by SDS-PAGE.
<b>Sequence</b>	MYRSGERLLGSHALPAEQRDFLPLETTNNNNHHQPGAWARRAGSSASSPP SASSSPHPSAAVPAADPADSASGSSNKRKRDNKASGGRAAGGGRADGGGV VYSGTPWKRRNYNQGVVGLHEEISDFYEYMSPRPEEEKMRMEVVNRIESVIK ELWPSADVQIFGSFKTGLYLPTSDIDLVVFGKWENLPLWTLEEALRKHKVADE DSVKVLDKATVPIIKLTDSFTEVKVDISFNVQNGVRAADLIKDFTKKYPVLPYLVL VLKQFLLQRDLNEVFTGGIGSYSLFLMAVSFLQLHPREDACIPNTNYGVLLIEFF ELYGRHFNYLKTGIRIKDGGSYVAKDEVQKNMLDGYRPSMLYIEDPLQPGNDV GRSSYGAMQVKQAFDYAYVVLHAVSPIAKYYPNNETESILGRIIRVTDEVATY RDWISKQWGLKNRPEPSCNGPVSSSSATQSSSSDVS DATPCKTPKQLLCRP STGNRVGSQDVSLESSQAVGKMQSTQTNTNSTNKSQHG SARLFRSSSKG FQGTQTSHGSLMTNKQHKGKSNQYYHGKRRKHKRDAPLSDLCR
<b>Research Area</b>	Epigenetics and Nuclear Signaling
<b>Source</b>	E.coli
<b>Target Names</b>	PAPD5
<b>Protein Names</b>	PAP-associated domain-containing protein 5Terminal uridylyltransferase 3Short name:TUTase 3Topoisomerase-related function protein 4-2Short name:TRF4-2
<b>Expression Region</b>	1-572aa
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at



4°C for up to one week.

<b>Tag Info</b>	N-terminal 6xHis-SUMO-tagged
<b>Mol. Weight</b>	79.5 kDa
<b>Protein Length</b>	Full Length

**Image**

(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

**Shelf Life**

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