

Product datasheet for TP308527L

TIMELESS (NM_003920) Human Recombinant Protein

Product data:

Product Type: Recombinant Proteins
Description: Recombinant protein of human timeless homolog (Drosophila) (TIMELESS), 1 mg
Species: Human
Expression Host: HEK293T
Expression cDNA Clone or AA Sequence: >RC208527 protein sequence
Red=Cloning site Green=Tags(s)

MDLHMMNCELLATCSALGYLEGDTYHKEPDCLESVKDLIRYL RHEDETRDVRQQLGAAQILQSDLLPILT
 QHHQDKPLFDAVIRLMVNLTQPALLCFGNLPKEPSFRHHFLQVLTYLQAYKEAFASEKAFGVLSETLYEL
 LQLGWEERQEEDNLLIERILLVLRNHLVHPADLDQEKIDDDASAHDQLLWAIHLSGLDDLLFLASSA
 EEQWSLHVLEIVSLMFRDQNPEQLAGVGQGRLAQERSADFAELEVELRQREMAEKTRALQRGNRHSRFGG
 SYIVQGLKSIGERDLIFHKGLHNLRNYSDDLKQPKKVPKRRQAARELSIQRRSALNVRLFLRDFCSEFL
 ENCYNRLMGSVKDHLREKAQQHDETYMMWALAFFMAFNRAASFRPGLVSETLSVRTFFHFIEQNLNYYE
 MMLTDRKEAASWARRMHLALKAYQELLATVNEMDISPDEAVRESSRIKNNIFYVMEYRELFLALFRKFD
 ERCQPRSFLRDLVETTHLFLKMLERFCRSRGNLVVQNKQKKRRKKKKVLDQAIVSGNVPSSPEEVEAVW
 PALAEQLQCCAQNSELSMDSVVPFDAASEVPVEEQRAEAMVRIQDCLLAGQAPQALTLLRSAREVWPEGD
 VFGSQDISPEEEIQLLKQILSAPLPRQQGPEERGAEEEEEEEEEEELQVQVSEKEFNFLDYLRKRFAC
 STVVRAYVLLRSYQQNSAHTNHCIVKMLHRLAHDLKMEALLFQLSVFCLFNRLSDPAAGAYKELVTFA
 KYILGKFFALAAVNQKAFVELLFWKNTAVVREMTEGYGSLDDRSSRRAPTWSPEEEAHLRELYLANKDV
 EGQDVWEAILAHLNTPRTRKQIIHHLVQMGLADSVKDFQRKGTIHLWTGDQELELQRLFEEFRDSDDV
 LGHIMKNITAKRSRARIKLLALGLVAERRELYKKRQKCLASSILPNGAESLKDFCQEDLEEEENLPEE
 DSEEEEGGSEAEQVQGSVLVSNENLGQSLHQEGFSILLWLQNCLIRAADDREEDGCSQAVPLVPLTEE
 NEEAMENEQFQQLLRKLGVRPPASGQETFWRIKLSPTQLRRAAASLSQPEEEQKLQPELQPKVPGEQG
 SDEEHCKEHRAQALRALLAHKKKAGLASPEEEDAVGKEPLKAAPKKRQLLDSDEEQEEDGRNRAPELG
 APGIQKKKRYQIEDDED

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

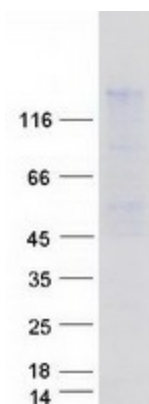
Tag: C-Myc/DDK
Predicted MW: 138.5 kDa
Concentration: >0.05 µg/µL as determined by microplate BCA method
Purity: > 80% as determined by SDS-PAGE and Coomassie blue staining



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Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	NP_003911
Locus ID:	8914
UniProt ID:	Q9UNS1
RefSeq Size:	5154
Cytogenetics:	12q13.3
RefSeq ORF:	3624
Synonyms:	hTIM; TIM; TIM1
Summary:	The protein encoded by this gene is highly conserved and is involved in cell survival after damage or stress, increase in DNA polymerase epsilon activity, maintenance of telomere length, and epithelial cell morphogenesis. The encoded protein also plays a role in the circadian rhythm autoregulatory loop, interacting with the PERIOD genes (PER1, PER2, and PER3) and others to downregulate activation of PER1 by CLOCK/ARNTL. Changes in this gene or its expression may promote prostate cancer, lung cancer, breast cancer, and mental disorders. [provided by RefSeq, Feb 2014]
Protein Families:	Transcription Factors

Product images:



Coomassie blue staining of purified TIMELESS protein (Cat# [TP308527]). The protein was produced from HEK293T cells transfected with TIMELESS cDNA clone (Cat# [RC208527]) using MegaTran 2.0 (Cat# [TT210002]).