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Product datasheet for TP301652M

RTF2 (NM_016407) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human chromosome 20 open reading frame 43 (C20orf43), 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC201652 protein sequence Red=Cloning site Green=Tags(s) MGCDGGTIPKRHELVKGPKKVEKVDKDAELVAQWNYCTLSQEILRRPIVACELGRLYNKDAVIEFLLDKS AEKALGKAASHIKSIKNVTELKLSDNPAWEGDKGNTKGDKHDDLQRARFICPVVGLEMNGRHRFCFLRCC GCVFSERALKEIKAEVCHTCGAAFQEDDVIVLNGTKEDVDVLKTRMEERRLRAKLEKKTKKPKAAESVSK PDVSEEAPGPSKVKTGKPEEASLDSREKKTNLAPKSTAMNESSSGKAGKPPCGATKRSIADSEESEAYKS LFTTHSSAKRSKEESAHWVTHTSYCF TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Predicted MW:	33.7 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
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_057491
Locus ID:	51507

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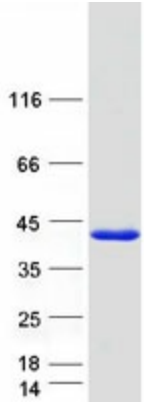
UniProt ID:	Q9BY42
RefSeq Size:	1672
Cytogenetics:	20q13.31
RefSeq ORF:	918
Synonyms:	C20orf43; CDAO5; HSPC164; RTFDC1; SHUJUN-3
Summary:	Replication termination factor which is a component of the elongating replisome (Probable). Required for ATR pathway signaling upon DNA damage and has a positive activity during DNA replication. Might function to facilitate fork pausing at replication fork barriers like the rDNA. May be globally required to stimulate ATR signaling after the fork stalls or encounters a lesion (Probable). Interacts with nascent DNA (PubMed:29290612).[UniProtKB/Swiss-Prot Function]

Product images:



Coomassie blue staining of purified RTF2 protein (Cat# [TP301652]). The protein was produced from HEK293T cells transfected with RTF2 cDNA clone (Cat# [RC201652]) using MegaTran 2.0 (Cat# [TT210002]).

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