

Product datasheet for **TP504324**

Rtf2 (NM_025542) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse replication termination factor 2 (Rtf2), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR204324 protein sequence Red =Cloning site Green =Tags(s)
	<p>MGCDGGTIPKRHELVKGPKKVEKVDKDAELVAQWNYCTLSQEILRRPIVACELGRLYNKDAVIEFLDKS AEKALGKAASHIRSIKNVTELRLSDNPAWEGDKGNTKGDHDDLQRARFICPVVGLEMNGRHRFCFLRCC GCVFSERALKEIKAEVCHTCGAAFQEEDIIVLNGTKEDVEMLKRMEEERRLRKLEKTKKPKTATECAS KPGTTQDSAGPSKVKGSGKPEEADPDPREKKSTPAPRGAAATNGSASGKVGKPPCGALKRSIADSESETYK SIFTS HSSAKRSKEESAHWVTHTSYCF</p> <p>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</p>
Tag:	C-MYC/DDK
Predicted MW:	33.9 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
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 after receiving vials.
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:	<u>NP_079818</u>
Locus ID:	66404
UniProt ID:	<u>Q99K95</u>



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RefSeq Size:	2142
Cytogenetics:	2 H3
RefSeq ORF:	921
Synonyms:	1700067C04Rik; 2410001C21Rik; 5730427M17Rik; AA589417
Summary:	Replication termination factor which is a component of the elongating replisome. 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. Interacts with nascent DNA.[UniProtKB/Swiss-Prot Function]