

Recombinant Mouse Rtf2 Protein, Myc/DDK-tagged

Cat. No. Rtf2-5640M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length replication termination factor 2 (Rtf2), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	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.
Molecular Mass	33.9 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.
Concentration	>50 µg/mL as determined by microplate BCA method
Storage Buffer	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

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GENE INFORMATION

Gene Name	Rtf2 replication termination factor 2 [Mus musculus (house mouse)]
Official Symbol	Rtf2
Synonyms	Rtf2; replication termination factor 2; Rtfdc; Rtfdc1; AA589417; 1700067C04Rik; 2410001C21Rik; 5730427M17Rik; replication termination factor 2; UPF0549 protein C20orf43 homolog; likely orthologue of H. sapiens chromosome 20 open reading frame 43 (C20orf43); protein RTF2 homolog; replication termination factor 2 domain containing 1; replication termination factor 2 domain-containing protein 1
Gene ID	66404
mRNA Refseq	NM_025542
Protein Refseq	NP_079818
UniProt ID	Q99K95

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