

Product datasheet for TP509831

Wrnip1 (NM_030215) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse Werner helicase interacting protein 1 (Wrnip1), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR209831 representing NM_030215 Red=Cloning site Green=Tags(s) MEVSGPEDDPFLSQLHQVQPCVQCQMMPAAHINSHLDRCLLLHPAGHAEPAAAGSHRAGERAKGPSPPGAK RRRLSESSALKQPATPTAAESSEGESEEGDDGGGETESRESYDAPPTPSGARLIPDFPVARSSSPARKMG KRPAAAAAGSASPRSWDEAEAQEEEEAGVDGDDADVDGEDDPGHWADADAADASFGVSAGRAHPRALAA EEIRQMLEGKPLADKMRPDTLQDYIGQSRVAVGQETLLRSLLEANEIPSLILWGPPGCGKTTLAHIIANNS KKHSIRFVTLSATNAKTNDVRDVIKQAQNEKSFKRKTLFIDEIHRFNKSQQDTFLPHVECGTITLIGA TTENPSFQVNAALLSRCRVIVLEKLPVEAMVTILMRAINS LGIHLVLDSSRPTDPLSHSSNCSSEPSVFIE DKAVDTLAYLSDGDARTGLNGLQLAVLARLSSRKVFCKKSGQTYSPSRVLITENDVKEGLQRSHILYDRA GEEHYNCISALHKAMRGSDQNASLYWLARMLEGGEDPLYVARRLVRFASEDIGLADPSALAQA VAAAYQGC HFIGMPECEVLLAQCVVYFARAPKSIEVYSAYNNVKA CLRSHQGPLPPVPLHLRNAPTRLMKDLGYGKGY KYNPMYSEPVDDQDYLPEELRGVDFFKQRRRC TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-MYC/DDK
Predicted MW:	72.2 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.



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RefSeq:	NP_084491
Locus ID:	78903
UniProt ID:	Q91XU0
RefSeq Size:	2642
Cytogenetics:	13 A3.2
RefSeq ORF:	1980
Synonyms:	4833444L21Rik; WHIP; Wrnip
Summary:	Functions as a modulator of initiation or reinitiation events during DNA polymerase delta-mediated DNA synthesis. In the presence of ATP, stimulation of DNA polymerase delta-mediated DNA synthesis is decreased. Plays also a role in the innate immune defense against viruses. Stabilizes the RIG-I/DDX58 dsRNA interaction and promotes RIG-I/DDX58 'Lys-63'-linked polyubiquitination. In turn, RIG-I/DDX58 transmits the signal through mitochondrial MAVS. [UniProtKB/Swiss-Prot Function]