

Product datasheet for **SC208817**

WRN (NM_000553) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	WRN (NM_000553) Human 3' UTR Clone
Symbol:	WRN
Synonyms:	RECQ3; RECQL2; RECQL3
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_000553
Insert Size:	2000 bp



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Summary: This gene encodes a member of the RecQ subfamily of DNA helicase proteins. The encoded nuclear protein is important in the maintenance of genome stability and plays a role in DNA repair, replication, transcription and telomere maintenance. This protein contains a N-terminal 3' to 5' exonuclease domain, an ATP-dependent helicase domain and RQC (RecQ helicase conserved region) domain in its central region, and a C-terminal HRDC (helicase RNase D C-terminal) domain and nuclear localization signal. Defects in this gene are the cause of Werner syndrome, an autosomal recessive disorder characterized by accelerated aging and an elevated risk for certain cancers. [provided by RefSeq, Aug 2017]

Locus ID: 7486

MW: 78.1