

Product datasheet for **RC215399L3V**

RECQ4 (RECQL4) (NM_004260) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	RECQ4 (RECQL4) (NM_004260) Human Tagged ORF Clone Lentiviral Particle
Symbol:	RECQ4
Synonyms:	RECQ4
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_004260
ORF Size:	3624 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC215399).
OTI Disclaimer:	The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. More info
OTI Annotation:	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
RefSeq:	NM_004260.2
RefSeq Size:	3820 bp
RefSeq ORF:	3627 bp
Locus ID:	9401
UniProt ID:	O94761
Cytogenetics:	8q24.3
Protein Families:	Druggable Genome, Stem cell - Pluripotency
MW:	132.9 kDa



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Gene Summary:

The protein encoded by this gene is a DNA helicase that belongs to the RecQ helicase family. DNA helicases unwind double-stranded DNA into single-stranded DNAs and may modulate chromosome segregation. This gene is predominantly expressed in thymus and testis. Mutations in this gene are associated with Rothmund-Thomson, RAPADILINO and Baller-Gerold syndromes. [provided by RefSeq, Jan 2010]