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Product datasheet for RC201402L1V

RNF8 (NM_003958) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	RNF8 (NM_003958) Human Tagged ORF Clone Lentiviral Particle
Symbol:	RNF8
Synonyms:	hRNF8
Mammalian Cell Selection:	None
Vector:	pLenti-C-Myc-DDK (PS100064)
Tag:	Myc-DDK
ACCN:	NM_003958
ORF Size:	1455 bp
ORF Nucleotide Sequence:	`The ORF insert of this clone is exactly the same as(RC201402).`
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_003958.2
RefSeq Size:	5639 bp
RefSeq ORF:	1458 bp
Locus ID:	9025
UniProt ID:	O76064
Cytogenetics:	6p21.2
Domains:	FHA, RING
MW:	55.5 kDa

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Gene Summary: The protein encoded by this gene contains a RING finger motif and an FHA domain. This protein has been shown to interact with several class II ubiquitin-conjugating enzymes (E2), including UBE2E1/UBCH6, UBE2E2, and UBE2E3, and may act as an ubiquitin ligase (E3) in the ubiquitination of certain nuclear proteins. This protein is also known to play a role in the DNA damage response and depletion of this protein causes cell growth inhibition and cell cycle arrest. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Feb 2012]