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Product datasheet for RC214013L3V

RNF43 (NM_017763) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	RNF43 (NM_017763) Human Tagged ORF Clone Lentiviral Particle
Symbol:	RNF43
Synonyms:	RNF124; SSPCS; URCC
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_017763
ORF Size:	2349 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC214013).
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_017763.3
RefSeq Size:	5585 bp
RefSeq ORF:	2352 bp
Locus ID:	54894
UniProt ID:	Q68DV7
Cytogenetics:	17q22
Domains:	RING
Protein Families:	Druggable Genome, Secreted Protein, Transmembrane

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MW: 85.7 kDa

Gene Summary: The protein encoded by this gene is a RING-type E3 ubiquitin ligase and is predicted to contain a transmembrane domain, a protease-associated domain, an ectodomain, and a cytoplasmic RING domain. This protein is thought to negatively regulate Wnt signaling, and expression of this gene results in an increase in ubiquitination of frizzled receptors, an alteration in their subcellular distribution, resulting in reduced surface levels of these receptors. Mutations in this gene have been reported in multiple tumor cells, including colorectal and endometrial cancers. Alternative splicing results in multiple transcript variants encoding different isoforms. [provided by RefSeq, Mar 2015]