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Product datasheet for RC227146L4V

FAM178A (SLF2) (NM_001136123) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	FAM178A (SLF2) (NM_001136123) Human Tagged ORF Clone Lentiviral Particle
Symbol:	FAM178A
Synonyms:	C10orf6; FAM178A
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_001136123
ORF Size:	3558 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC227146).
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_001136123.1
RefSeq ORF:	3561 bp
Locus ID:	55719
UniProt ID:	Q8IX21
Cytogenetics:	10q24.31
MW:	133.2 kDa

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Gene Summary: Plays a role in the DNA damage response (DDR) pathway by regulating postreplication repair of UV-damaged DNA and genomic stability maintenance (PubMed:25931565). The SLF1-SLF2 complex acts to link RAD18 with the SMC5-SMC6 complex at replication-coupled interstrand cross-links (ICL) and DNA double-strand breaks (DSBs) sites on chromatin during DNA repair in response to stalled replication forks (PubMed:25931565). Promotes the recruitment of the SMC5-SMC6 complex to DNA lesions (PubMed:25931565).[UniProtKB/Swiss-Prot Function]