

Product datasheet for **RC227114L4V**

EDC3 (NM_001142444) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	EDC3 (NM_001142444) Human Tagged ORF Clone Lentiviral Particle
Symbol:	EDC3
Synonyms:	hYjeF_N2-15q23; LSM16; MRT50; YJDC; YJEFN2
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_001142444
ORF Size:	1524 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC227114).
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_001142444.1
RefSeq Size:	3871 bp
RefSeq ORF:	1527 bp
Locus ID:	80153
UniProt ID:	Q96F86
Cytogenetics:	15q24.1
Protein Pathways:	RNA degradation
MW:	56.1 kDa



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Gene Summary:

This gene encodes a protein that is important in mRNA degradation. The encoded protein is a component of a decapping complex that promotes efficient removal of the monomethylguanosine (m7G) cap from mRNAs, as part of the 5' to 3' mRNA decay pathway. Mutations in this gene have been identified in human patients with an autosomal recessive form of intellectual disability. [provided by RefSeq, May 2017]