Product datasheet for RC205711L3V

CCDC94 (YJU2) (NM_018074) Human Tagged ORF Clone Lentiviral Particle

Product data:

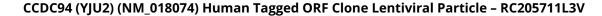|	
Product Type:	Lentiviral Particles
Product Name:	CCDC94 (YJU2) (NM_018074) Human Tagged ORF Clone Lentiviral Particle
Symbol:	YJU2
Synonyms:	CCDC94
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_018074
ORF Size:	969 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC205711).
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_018074.3
RefSeq Size:	1441 bp
RefSeq ORF:	972 bp
Locus ID:	55702
UniProt ID:	Q9BW85
Cytogenetics:	19p13.3
Domains:	DUF572
MW:	37.1 kDa

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Gene Summary:

Part of the spliceosome which catalyzes two sequential transesterification reactions, first the excision of the non-coding intron from pre-mRNA and then the ligation of the coding exons to form the mature mRNA (PubMed:29301961). Plays a role in stabilizing the structure of the spliceosome catalytic core and docking of the branch helix into the active site, producing 5'-exon and lariat intron-3'-intermediates (By similarity). May protect cells from TP53-dependent apoptosis upon dsDNA break damage through association with PRP19-CD5L complex (PubMed:22952453).[UniProtKB/Swiss-Prot Function]