Product datasheet for RC207522L3V

ADAR1 (ADAR) (NM_001111) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	ADAR1 (ADAR) (NM_001111) Human Tagged ORF Clone Lentiviral Particle
Symbol:	ADAR1
Synonyms:	ADAR1; AGS6; DRADA; DSH; DSRAD; G1P1; IFI-4; IFI4; K88DSRBP; P136
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_001111
ORF Size:	3678 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC207522).
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_001111.3
RefSeq Size:	6692 bp
RefSeq ORF:	3681 bp
Locus ID:	103
UniProt ID:	P55265
Cytogenetics:	1q21.3
Domains:	z-alpha, DSRM, A_deamin
Protein Families:	Druggable Genome

View online »

Protein Pathways:	Cytosolic DNA-sensing pathway
MW:	136 kDa
Gene Summary:	This gene encodes the enzyme responsible for RNA editing by site-specific deamination of adenosines. This enzyme destabilizes double-stranded RNA through conversion of adenosine to inosine. Mutations in this gene have been associated with dyschromatosis symmetrica hereditaria. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jul 2010]