

Product datasheet for **RC210639L4V**

TDP43 (TARDBP) (NM_007375) Human Tagged ORF Clone Lentiviral Particle

Product data:

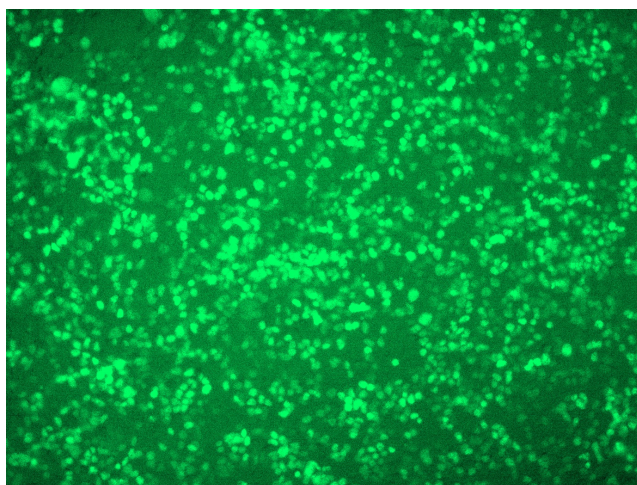
Product Type:	Lentiviral Particles
Product Name:	TDP43 (TARDBP) (NM_007375) Human Tagged ORF Clone Lentiviral Particle
Symbol:	TDP43
Synonyms:	ALS10; TDP-43
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_007375
ORF Size:	1242 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC210639).
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_007375.3
RefSeq Size:	4236 bp
RefSeq ORF:	1245 bp
Locus ID:	23435
UniProt ID:	Q13148
Cytogenetics:	1p36.22
Domains:	RRM
Protein Families:	Transcription Factors


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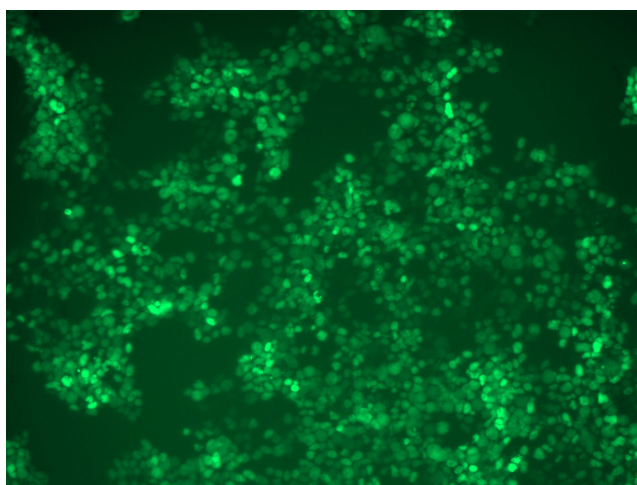
MW: 44.7 kDa

Gene Summary: HIV-1, the causative agent of acquired immunodeficiency syndrome (AIDS), contains an RNA genome that produces a chromosomally integrated DNA during the replicative cycle. Activation of HIV-1 gene expression by the transactivator Tat is dependent on an RNA regulatory element (TAR) located downstream of the transcription initiation site. The protein encoded by this gene is a transcriptional repressor that binds to chromosomally integrated TAR DNA and represses HIV-1 transcription. In addition, this protein regulates alternate splicing of the CFTR gene. A similar pseudogene is present on chromosome 20. [provided by RefSeq, Jul 2008]

Product images:



[RC210639L4] was used to prepare Lentiviral particles using [TR30037] packaging kit. HEK293T cells were transduced with RC210639L4V particle to overexpress human TARDBP-mGFP fusion protein.



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