

Product datasheet for **RC200389L4V**

Torsin A (TOR1A) (NM_000113) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Torsin A (TOR1A) (NM_000113) Human Tagged ORF Clone Lentiviral Particle
Symbol:	Torsin A
Synonyms:	AMC5; DQ2; DYT1
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_000113
ORF Size:	996 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC200389).
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_000113.2
RefSeq Size:	2117 bp
RefSeq ORF:	999 bp
Locus ID:	1861
UniProt ID:	O14656
Cytogenetics:	9q34.11
Protein Families:	Druggable Genome, Protease
MW:	37.8 kDa



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Gene Summary:

The protein encoded by this gene is a member of the AAA family of adenosine triphosphatases (ATPases), is related to the Clp protease/heat shock family and is expressed prominently in the substantia nigra pars compacta. Mutations in this gene result in the autosomal dominant disorder, torsion dystonia 1. [provided by RefSeq, Jul 2008]