

Product datasheet for **RC230029L4V**

ATXN10 (NM_001167621) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Symbol:	ATXN10
Synonyms:	E46L; HUMEEP; SCA10
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_001167621
ORF Size:	1233 bp

ORF Nucleotide Sequence: The ORF insert of this clone is exactly the same as(RC230029).

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_001167621.1](#), [NP_001161093.1](#)

RefSeq ORF: 1236 bp

Locus ID: 25814

UniProt ID: [Q9UBB4](#)

Cytogenetics: 22q13.31

MW: 46.7 kDa



Gene Summary:

This gene encodes a protein that may function in neuron survival, neuron differentiation, and neuritogenesis. These roles may be carried out via activation of the mitogen-activated protein kinase cascade. Expansion of an ATTCT repeat from 9–32 copies to 800–4500 copies in an intronic region of this locus has been associated with spinocerebellar ataxia, type 10. Alternatively spliced transcript variants have been described.[provided by RefSeq, Jul 2016]