

## Product datasheet for **RC227654L3V**

### AMIGO2 (NM\_001143668) Human Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	AMIGO2 (NM_001143668) Human Tagged ORF Clone Lentiviral Particle
Symbol:	AMIGO2
Synonyms:	ALI1; AMIGO-2; DEGA
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_001143668
ORF Size:	1566 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC227654).
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. <a href="#">More info</a>
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:	<a href="#">NM_001143668.1</a> , <a href="#">NP_001137140.1</a>
RefSeq Size:	3126 bp
RefSeq ORF:	1569 bp
Locus ID:	347902
UniProt ID:	<a href="#">Q86SJ2</a>
Cytogenetics:	12q13.11
Protein Families:	Druggable Genome, Transmembrane
MW:	57.9 kDa



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**Gene Summary:**

Required for depolarization-dependent survival of cultured cerebellar granule neurons. May mediate homophilic as well as heterophilic cell-cell interaction with AMIGO1 or AMIGO3. May contribute to signal transduction through its intracellular domain. May be required for tumorigenesis of a subset of gastric adenocarcinomas.[UniProtKB/Swiss-Prot Function]