

Product datasheet for **RC218943L4V**

AUTS2 (NM_015570) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	AUTS2 (NM_015570) Human Tagged ORF Clone Lentiviral Particle
Symbol:	AUTS2
Synonyms:	FBRSL2; MRD26
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_015570
ORF Size:	3777 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC218943).
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_015570.1
RefSeq Size:	5972 bp
RefSeq ORF:	3780 bp
Locus ID:	26053
UniProt ID:	Q8WXX7
Cytogenetics:	7q11.22
MW:	138.8 kDa



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Gene Summary:

This gene has been implicated in neurodevelopment and as a candidate gene for numerous neurological disorders, including autism spectrum disorders, intellectual disability, and developmental delay. Mutations in this gene have also been associated with non-neurological disorders, such as acute lymphoblastic leukemia, aging of the skin, early-onset androgenetic alopecia, and certain cancers. Alternative splicing results in multiple transcript variants encoding different isoforms. [provided by RefSeq, May 2014]