

Product datasheet for **RC220826L3V**

AGBL1 (NM_152336) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	AGBL1 (NM_152336) Human Tagged ORF Clone Lentiviral Particle
Symbol:	AGBL1
Synonyms:	CCP4; FECD8
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_152336
ORF Size:	3198 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC220826).
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_152336.2 , NP_689549.2
RefSeq Size:	3493 bp
RefSeq ORF:	3339 bp
Locus ID:	123624
UniProt ID:	Q96MI9
Cytogenetics:	15q25.3
MW:	120.1 kDa



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Gene Summary:

Polyglutamylation is a reversible posttranslational modification catalyzed by polyglutamylases that results in the addition of glutamate side chains on the modified protein. This gene encodes a glutamate decarboxylase that catalyzes the deglutamylation of polyglutamylated proteins. Mutations in this gene result in dominant late-onset Fuchs corneal dystrophy. [provided by RefSeq, Nov 2013]