

## Product datasheet for **RC217452L3V**

### AGBL5 (NM\_021831) Human Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	AGBL5 (NM_021831) Human Tagged ORF Clone Lentiviral Particle
Symbol:	AGBL5
Synonyms:	CCP5; RP75
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_021831
ORF Size:	2658 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC217452).
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_021831.5</a>
RefSeq Size:	3254 bp
RefSeq ORF:	2661 bp
Locus ID:	60509
UniProt ID:	<a href="#">Q8NDL9</a>
Cytogenetics:	2p23.3
Domains:	Zn_carbOpept
MW:	97.4 kDa



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**Gene Summary:**

This gene encodes a metalloprotease involved in protein deglutamylation and a member of the peptidase M14 family of proteins. The encoded protein has been described as a "dual-functional" deglutamyase that can remove glutamate residues from both carboxyl termini and side chains of protein substrates. This deglutamyase activity may be important in antiviral immunity. Mutations in this gene are associated with retinitis pigmentosa. [provided by RefSeq, Jul 2016]