

## Product datasheet for **RC210820L2V**

### AP3B2 (NM\_004644) Human Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	AP3B2 (NM_004644) Human Tagged ORF Clone Lentiviral Particle
Symbol:	AP3B2
Synonyms:	DEE48; EIEE48; NAPT8
Mammalian Cell Selection:	None
Vector:	pLenti-C-mGFP (PS100071)
Tag:	mGFP
ACCN:	NM_004644
ORF Size:	3246 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC210820).
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_004644.3</a>
RefSeq Size:	3771 bp
RefSeq ORF:	3249 bp
Locus ID:	8120
UniProt ID:	<a href="#">Q13367</a>
Cytogenetics:	15q25.2
Domains:	Adaptin_N
Protein Pathways:	Lysosome



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**MW:** 119.1 kDa

**Gene Summary:** Adaptor protein complex 3 (AP-3 complex) is a heterotrimeric protein complex involved in the formation of clathrin-coated synaptic vesicles. The protein encoded by this gene represents the beta subunit of the neuron-specific AP-3 complex and was first identified as the target antigen in human paraneoplastic neurologic disorders. The encoded subunit binds clathrin and is phosphorylated by a casein kinase-like protein, which mediates synaptic vesicle coat assembly. Defects in this gene are a cause of early-onset epileptic encephalopathy. [provided by RefSeq, Feb 2017]