

## Product datasheet for **RC210634L4V**

### EIF2B4 (NM\_001034116) Human Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	EIF2B4 (NM_001034116) Human Tagged ORF Clone Lentiviral Particle
Symbol:	EIF2B4
Synonyms:	EIF-2B; EIF2B; EIF2Bdelta
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_001034116
ORF Size:	1569 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC210634).
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_001034116.1</a>
RefSeq Size:	1763 bp
RefSeq ORF:	1572 bp
Locus ID:	8890
UniProt ID:	<a href="#">Q9UI10</a>
Cytogenetics:	2p23.3
MW:	57.6 kDa


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**Gene Summary:**

Eukaryotic initiation factor 2B (EIF2B), which is necessary for protein synthesis, is a GTP exchange factor composed of five different subunits. The protein encoded by this gene is the fourth, or delta, subunit. Defects in this gene are a cause of leukoencephalopathy with vanishing white matter (VWM) and ovarioleukodystrophy. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jul 2008]