

## Product datasheet for **MR210750L3V**

### **Epb41 (NM\_001128607) Mouse Tagged ORF Clone Lentiviral Particle**

#### **Product data:**

Product Type:	Lentiviral Particles
Product Name:	Epb41 (NM_001128607) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Epb41
Synonyms:	4.1R; AI415518; D4Ert442e; Elp-1; Elp1; Epb4.1; mKIAA4056
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_001128607
ORF Size:	2415 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR210750).
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_001128607.1</a> , <a href="#">NP_001122079.1</a>
RefSeq Size:	5067 bp
RefSeq ORF:	1785 bp
Locus ID:	269587
UniProt ID:	<a href="#">P48193</a>
Cytogenetics:	4 64.54 cM



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**Gene Summary:**

Protein 4.1 is a major structural element of the erythrocyte membrane skeleton. It plays a key role in regulating membrane physical properties of mechanical stability and deformability by stabilizing spectrin-actin interaction. Recruits DLG1 to membranes. Required for dynein-dynactin complex and NUMA1 recruitment at the mitotic cell cortex during anaphase.  
[UniProtKB/Swiss-Prot Function]