Product datasheet for MR211092L4V

Eps15 (NM_007943) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Eps15 (NM_007943) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Eps15
Synonyms:	2410112D09Rik
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_007943
ORF Size:	2691 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR211092).
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_007943.3, NP_031969.1
RefSeq Size:	5193 bp
RefSeq ORF:	2694 bp
Locus ID:	13858
UniProt ID:	P42567
Cytogenetics:	4 C7

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Gene Summary: Involved in cell growth regulation. May be involved in the regulation of mitogenic signals and control of cell proliferation. Involved in the internalization of ligand-inducible receptors of the receptor tyrosine kinase (RTK) type, in particular EGFR. Plays a role in the assembly of clathrin-coated pits (CCPs). Acts as a clathrin adapter required for post-Golgi trafficking. Seems to be involved in CCPs maturation including invagination or budding. Involved in endocytosis of integrin beta-1 (ITGB1) and transferrin receptor (TFR); internalization of ITGB1 as DAB2-dependent cargo but not TFR seems to require association with DAB2. [UniProtKB/Swiss-Prot Function]