

Product datasheet for **MR221974L3V**

Gripap1 (NM_207670) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Gripap1 (NM_207670) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Gripap1
Synonyms:	AI854681; DXImx47e; GRASP-1; mKIAA1167; Sfc10
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_207670
ORF Size:	2418 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR221974).
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_207670.2 , NP_997553.1
RefSeq Size:	2928 bp
RefSeq ORF:	2421 bp
Locus ID:	54645
UniProt ID:	Q8VD04
Cytogenetics:	X 3.51 cM



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Gene Summary:

Regulates the endosomal recycling back to the neuronal plasma membrane, possibly by connecting early and late recycling endosomal domains and promoting segregation of recycling endosomes from early endosomal membranes. Involved in the localization of recycling endosomes to dendritic spines, thereby playing a role in the maintenance of dendritic spine morphology. Required for the activity-induced AMPA receptor recycling to dendrite membranes and for long-term potentiation and synaptic plasticity (By similarity). [UniProtKB/Swiss-Prot Function]