

Product datasheet for **MR217700L4V**

Sestd1 (NM_175465) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Sestd1 (NM_175465) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Sestd1
Synonyms:	1500031J16Rik; A930010O20; Solo/Trio8
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_175465
ORF Size:	2088 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR217700).
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_175465.6 , NP_780674.1
RefSeq Size:	8951 bp
RefSeq ORF:	2091 bp
Locus ID:	228071
UniProt ID:	Q80UK0
Cytogenetics:	2 C3



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Gene Summary:

May act as the primary docking protein directing membrane turnover and assembly of the transient receptor potential channels TRPC4 and TRPC5. Binds phospholipids such as phosphatidylinositol monophosphates, phosphatidylinositol diphosphates (PIP2s) and phosphatidic acid, but not less polar lipids including phosphatidylcholine, phosphatidylserine, and phosphatidylinositol. The binding to PIP2s is calcium dependent. Might be involved in the plasma membrane localization of CTNNB1 (By similarity).[UniProtKB/Swiss-Prot Function]