

Product datasheet for **MR219122L4V**

II17rd (NM_134437) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	II17rd (NM_134437) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	II17rd
Synonyms:	2810004A10Rik; AI428510; Sef; Sef-S
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_134437
ORF Size:	2217 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR219122).
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_134437.3 , NP_602319.1
RefSeq Size:	8220 bp
RefSeq ORF:	2217 bp
Locus ID:	171463
UniProt ID:	Q8JZL1
Cytogenetics:	14 A3



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Gene Summary:

Feedback inhibitor of fibroblast growth factor mediated Ras-MAPK signaling and ERK activation. May inhibit FGF-induced FGFR1 tyrosine phosphorylation. Regulates the nuclear ERK signaling pathway by spatially blocking nuclear translocation of activated ERK (By similarity). Mediates JNK activation and may be involved in apoptosis. Might have a role in the early stages of fate specification of GnRH-secreting neurons.[UniProtKB/Swiss-Prot Function]