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Product datasheet for RC207725L2V

TM4SF20 (NM_024795) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	TM4SF20 (NM_024795) Human Tagged ORF Clone Lentiviral Particle
Symbol:	TM4SF20
Synonyms:	PRO994; SLI5; TCCE518
Mammalian Cell Selection:	None
Vector:	pLenti-C-mGFP (PS100071)
Tag:	mGFP
ACCN:	NM_024795
ORF Size:	687 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC207725).
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_024795.1
RefSeq Size:	2310 bp
RefSeq ORF:	690 bp
Locus ID:	79853
UniProt ID:	Q53R12
Cytogenetics:	2q36.3
Protein Families:	Transmembrane
MW:	25.1 kDa

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Gene Summary: The protein encoded by this gene is a member of the four-transmembrane L6 superfamily. Members of this family function in various cellular processes including cell proliferation, motility, and adhesion via their interactions with integrins. In human brain tissue, this gene is expressed at high levels in the parietal lobe, occipital lobe, hippocampus, pons, white matter, corpus callosum, and cerebellum. Knockout of the homologous gene in mouse results in a neurobehavioral phenotype with suggested enhanced motor coordination. A deletion mutation in the human gene is associated with specific language impairment-5. [provided by RefSeq, Jul 2016]