

Product datasheet for **RC211070L4V**

TMEM195 (AGMO) (NM_001004320) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	TMEM195 (AGMO) (NM_001004320) Human Tagged ORF Clone Lentiviral Particle
Symbol:	TMEM195
Synonyms:	TMEM195
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_001004320
ORF Size:	1335 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC211070).
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_001004320.1
RefSeq Size:	2475 bp
RefSeq ORF:	1338 bp
Locus ID:	392636
UniProt ID:	Q6ZNB7
Cytogenetics:	7p21.2
Protein Families:	Transmembrane
MW:	51.5 kDa



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Gene Summary:

The protein encoded by this gene is a tetrahydrobiopterin- and iron-dependent enzyme that cleaves the ether bond of alkylglycerols. Sequence comparisons distinguish this protein as forming a third, distinct class of tetrahydrobiopterin-dependent enzymes. Variations in this gene have been associated with decreased glucose-stimulated insulin response, type 2 diabetes, and susceptibility to intracranial aneurysms. [provided by RefSeq, Aug 2012]