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Product datasheet for RC222886L1V

FREM1 (NM_144966) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	FREM1 (NM_144966) Human Tagged ORF Clone Lentiviral Particle
Symbol:	FREM1
Synonyms:	BNAR; C9orf143; C9orf145; C9orf154; MOTA; TILRR; TRIGNO2
Mammalian Cell Selection:	None
Vector:	pLenti-C-Myc-DDK (PS100064)
Tag:	Myc-DDK
ACCN:	NM_144966
ORF Size:	6537 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC222886).
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_144966.4
RefSeq Size:	7387 bp
RefSeq ORF:	6540 bp
Locus ID:	158326
UniProt ID:	Q5H8C1
Cytogenetics:	9p22.3
Protein Families:	Protease, Transmembrane
MW:	241.9 kDa

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Gene Summary: This gene encodes a basement membrane protein that may play a role in craniofacial and renal development. Mutations in this gene have been associated with bifid nose with or without anorectal and renal anomalies. Alternatively spliced transcript variants encoding different isoforms have been described. PubMed ID 19940113 describes one such variant that initiates transcription within a distinct, internal exon; the resulting shorter isoform (named Toll-like/interleukin-1 receptor regulator, TILRR) is suggested to be a co-receptor of the interleukin 1 receptor family and may regulate receptor function and Toll-like receptor/interleukin 1 receptor signal transduction, contributing to the control of inflammatory response activation. [provided by RefSeq, Apr 2011]