

## Product datasheet for **RC205287L3V**

### FRAT1 (NM\_005479) Human Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	FRAT1 (NM_005479) Human Tagged ORF Clone Lentiviral Particle
Symbol:	FRAT1
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_005479
ORF Size:	837 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC205287).
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. <a href="#">More info</a>
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:	<a href="#">NM_005479.2</a>
RefSeq Size:	2653 bp
RefSeq ORF:	840 bp
Locus ID:	10023
UniProt ID:	<a href="#">Q92837</a>
Cytogenetics:	10q24.1
Protein Families:	Druggable Genome, ES Cell Differentiation/IPS, Stem cell relevant signaling - Wnt Signaling pathway
Protein Pathways:	Wnt signaling pathway



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**MW:** 28.9 kDa

**Gene Summary:** The protein encoded by this gene belongs to the GSK-3-binding protein family. The protein inhibits GSK-3-mediated phosphorylation of beta-catenin and positively regulates the Wnt signaling pathway. It may function in tumor progression and in lymphomagenesis. [provided by RefSeq, Oct 2008]