

## Product datasheet for **RC229535L3V**

### **FNDC5 (NM\_001171940) Human Tagged ORF Clone Lentiviral Particle**

#### **Product data:**

Product Type:	Lentiviral Particles
Product Name:	FNDC5 (NM_001171940) Human Tagged ORF Clone Lentiviral Particle
Symbol:	FNDC5
Synonyms:	FRCP2; irisin
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_001171940
ORF Size:	543 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC229535).
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_001171940.1</a>
RefSeq Size:	2099 bp
RefSeq ORF:	546 bp
Locus ID:	252995
UniProt ID:	<a href="#">Q8NAU1</a>
Cytogenetics:	1p35.1
Protein Families:	Transmembrane
MW:	20.3 kDa



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**Gene Summary:**

This gene encodes a secreted protein that is released from muscle cells during exercise. The encoded protein may participate in the development of brown fat. Translation of the precursor protein initiates at a non-AUG start codon at a position that is conserved as an AUG start codon in other organisms. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jun 2013]