

Product datasheet for **MR215948L3V**

C2cd5 (NM_029897) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	C2cd5 (NM_029897) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	C2cd5
Synonyms:	5730419I09Rik; C030008B15Rik; CDP138
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_029897
ORF Size:	2997 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR215948).
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_029897.1
RefSeq Size:	4292 bp
RefSeq ORF:	3000 bp
Locus ID:	74741
UniProt ID:	Q7TPS5
Cytogenetics:	6 G3



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Gene Summary:

Required for insulin-stimulated glucose transport and glucose transporter SLC2A4/GLUT4 translocation from intracellular glucose storage vesicle (GSV) to the plasma membrane (PM) in adipocytes. Binds phospholipid membranes in a calcium-dependent manner and is necessary for the optimal membrane fusion between SLC2A4/GLUT4 GSV and the PM. [UniProtKB/Swiss-Prot Function]