

Product datasheet for **RC215317L3V**

ZDHC20 (NM_153251) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	ZDHC20 (NM_153251) Human Tagged ORF Clone Lentiviral Particle
Symbol:	ZDHC20
Synonyms:	4933421L13Rik; DHC-20; DHC20
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_153251
ORF Size:	1062 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC215317).
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_153251.2 , NP_694983.2
RefSeq Size:	1514 bp
RefSeq ORF:	1065 bp
Locus ID:	253832
UniProt ID:	Q5W0Z9
Cytogenetics:	13q12.11
Protein Families:	Transmembrane
MW:	40.9 kDa


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Gene Summary:

Catalyzes palmitoylation of Cys residues on target proteins (PubMed:27153536, PubMed:29326245). Catalyzes palmitoylation of Cys residues in the cytoplasmic C-terminus of EGFR, and modulates the duration of EGFR signaling by modulating palmitoylation-dependent EGFR internalization and degradation (PubMed:27153536). Has a preference for acyl-CoA with C16 fatty acid chains (PubMed:29326245). Can also utilize acyl-CoA with C14 and C18 fatty acid chains (PubMed:29326245).[UniProtKB/Swiss-Prot Function]