

Product datasheet for **RC207295L3V**

ZDHC21 (NM_178566) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	ZDHC21 (NM_178566) Human Tagged ORF Clone Lentiviral Particle
Symbol:	ZDHC21
Synonyms:	DHC21; DHC21; DNZ1; HSPC097
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_178566
ORF Size:	795 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC207295).
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_178566.2
RefSeq Size:	9171 bp
RefSeq ORF:	798 bp
Locus ID:	340481
UniProt ID:	Q8IVQ6
Cytogenetics:	9p22.3
Protein Families:	Transmembrane
MW:	31.4 kDa



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Gene Summary:

Palmitoylates sex steroid hormone receptors, including ESR1, PGR and AR, thereby regulating their targeting to the plasma membrane. This affects rapid intracellular signaling by sex hormones via ERK and AKT kinases and the generation of cAMP, but does not affect that mediated by their nuclear receptor (By similarity).[UniProtKB/Swiss-Prot Function]