

## Product datasheet for **MR220676L4V**

### **Cdhr5 (NM\_001114322) Mouse Tagged ORF Clone Lentiviral Particle**

#### **Product data:**

Product Type:	Lentiviral Particles
Product Name:	Cdhr5 (NM_001114322) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Cdhr5
Synonyms:	1810074H01Rik; AI481143; Mucdhl; Mupcdh
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_001114322
ORF Size:	2496 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR220676).
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_001114322.1</a> , <a href="#">NP_001107794.1</a>
RefSeq Size:	2629 bp
RefSeq ORF:	2496 bp
Locus ID:	72040
UniProt ID:	<a href="#">Q8VHF2</a>
Cytogenetics:	7 F5



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**Gene Summary:**

Intermicrovillar adhesion molecule that forms, via its extracellular domain, calcium-dependent heterophilic complexes with CDHR2 on adjacent microvilli. Thereby, controls the packing of microvilli at the apical membrane of epithelial cells. Through its cytoplasmic domain, interacts with microvillus cytoplasmic proteins to form the intermicrovillar adhesion complex/IMAC. This complex plays a central role in microvilli and epithelial brush border differentiation.[UniProtKB/Swiss-Prot Function]