

Product datasheet for **RC231152L4V**

C6orf138 (PTCHD4) (NM_207499) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Symbol:	C6orf138
Synonyms:	C6orf138; dJ402H5.2; PTCH53
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_207499
ORF Size:	933 bp

ORF Nucleotide Sequence: The ORF insert of this clone is exactly the same as(RC231152).

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_207499.2](#), [NP_997382.2](#)

RefSeq ORF: 936 bp

Locus ID: 442213

UniProt ID: [Q6ZW05](#)

Cytogenetics: 6p12.3

Protein Families: Transmembrane



MW: 35.3 kDa

Gene Summary: Could act as a repressor of canonical hedgehog signaling by antagonizing the effects of SMO, as suggested by down-regulation of hedgehog target genes, including GLI1, PTCH1, and PTCH2 in PTCHD4-expressing cells.[UniProtKB/Swiss-Prot Function]