

## Product datasheet for **RC223198L4V**

### UNC5D (NM\_080872) Human Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	UNC5D (NM_080872) Human Tagged ORF Clone Lentiviral Particle
Symbol:	UNC5D
Synonyms:	PRO34692; Unc5h4
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_080872
ORF Size:	2844 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC223198).
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_080872.1</a> , <a href="#">NP_543148.1</a>
RefSeq Size:	7002 bp
RefSeq ORF:	2862 bp
Locus ID:	137970
UniProt ID:	<a href="#">Q6UXZ4</a>
Cytogenetics:	8p12
Protein Families:	Druggable Genome
Protein Pathways:	Axon guidance



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**MW:** 105.3 kDa

**Gene Summary:** Receptor for the netrin NTN4 that promotes neuronal cell survival (By similarity). Plays a role in cell-cell adhesion and cell guidance. Receptor for netrin involved in cell migration. Plays a role in axon guidance by mediating axon repulsion of neuronal growth cones in the developing nervous system upon ligand binding (By similarity). May play a role in apoptosis in response to DNA damage (PubMed:24691657). It also acts as a dependence receptor required for apoptosis induction when not associated with netrin ligand (PubMed:24519068). Mediates cell-cell adhesion via its interaction with FLRT3 on an adjacent cell (By similarity). [UniProtKB/Swiss-Prot Function]