

## Product datasheet for **RC202035L4V**

### Tryptophan rich protein (WRB) (NM\_004627) Human Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	Tryptophan rich protein (WRB) (NM_004627) Human Tagged ORF Clone Lentiviral Particle
Symbol:	Tryptophan rich protein
Synonyms:	CHD5; WRB
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_004627
ORF Size:	522 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC202035).
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_004627.2</a>
RefSeq Size:	1580 bp
RefSeq ORF:	525 bp
Locus ID:	7485
UniProt ID:	<a href="#">O00258</a>
Cytogenetics:	21q22.2
Domains:	CHD5
Protein Families:	Transmembrane



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**MW:** 19.8 kDa

**Gene Summary:** This gene is located in the candidate region for congenital heart disease (CHD) in Down syndrome (DS). It encodes a basic protein that functions as a receptor that promotes insertion of tail-anchored proteins in the endoplasmic reticulum membrane. This gene is located at a maternally-methylated differentially methylated region (DMR); however, its transcription may be biallelic, not imprinted. Alternative splicing results in different transcript variants. A pseudogene has been defined on chromosome 4. [provided by RefSeq, Apr 2017]