

Product datasheet for **RC224559L4V**

WFDC8 (NM_181510) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	WFDC8 (NM_181510) Human Tagged ORF Clone Lentiviral Particle
Symbol:	WFDC8
Synonyms:	C20orf170; dj461P17.1; HEL-S-292; WAP8
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_181510
ORF Size:	723 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC224559).
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_181510.1
RefSeq Size:	1269 bp
RefSeq ORF:	726 bp
Locus ID:	90199
UniProt ID:	Q8IUA0
Cytogenetics:	20q13.12
Protein Families:	Secreted Protein
MW:	23.4 kDa



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Gene Summary:

This gene encodes a member of the WAP-type four-disulfide core (WFDC) domain family. The WFDC domain, or WAP signature motif, contains eight cysteines forming four disulfide bonds at the core of the protein, and functions as a protease inhibitor. The encoded protein contains a Kunitz-inhibitor domain, in addition to three WFDC domains. Most WFDC genes are localized to chromosome 20q12-q13 in two clusters: centromeric and telomeric. This gene belongs to the telomeric cluster. Two alternatively spliced transcript variants have been found for this gene, and they encode the same protein. [provided by RefSeq, Jul 2008]