

## Product datasheet for **RC207233L4V**

### DTD1 (NM\_080820) Human Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	DTD1 (NM_080820) Human Tagged ORF Clone Lentiviral Particle
Symbol:	DTD1
Synonyms:	C20orf88; DTD; DUE-B; DUEB; HARS2; pqn-68
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_080820
ORF Size:	627 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC207233).
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_080820.3</a>
RefSeq Size:	1368 bp
RefSeq ORF:	630 bp
Locus ID:	92675
UniProt ID:	<a href="#">Q8TEA8</a>
Cytogenetics:	20p11.23
Domains:	DUF154
MW:	23.4 kDa



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**Gene Summary:**

The protein encoded by this gene is similar in sequence to histidyl-tRNA synthetase, which hydrolyzes D-tyrosyl-tRNA(Tyr) into D-tyrosine and free tRNA(Tyr). The encoded protein binds the DNA unwinding element and plays a role in the initiation of DNA replication. Alternative splicing results in multiple transcript variants encoding different isoforms. [provided by RefSeq, Dec 2015]