

Product datasheet for **MR211312L4V**

Ctdp1 (NM_026295) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Ctdp1 (NM_026295) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Ctdp1
Synonyms:	4930563P03Rik; AW553592
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_026295
ORF Size:	2880 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR211312).
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_026295.2
RefSeq Size:	3700 bp
RefSeq ORF:	2883 bp
Locus ID:	67655
UniProt ID:	Q7TSG2
Cytogenetics:	18 53.48 cM



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Gene Summary:

Processively dephosphorylates 'Ser-2' and 'Ser-5' of the heptad repeats YSPTSPS in the C-terminal domain of the largest RNA polymerase II subunit. This promotes the activity of RNA polymerase II. Plays a role in the exit from mitosis by dephosphorylating crucial mitotic substrates (USP44, CDC20 and WEE1) that are required for M-phase-promoting factor (MPF)/CDK1 inactivation (By similarity).[UniProtKB/Swiss-Prot Function]