

Product datasheet for **RC203377L4V**

TOE1 (NM_025077) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	TOE1 (NM_025077) Human Tagged ORF Clone Lentiviral Particle
Symbol:	TOE1
Synonyms:	hCaf1z; PCH7
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_025077
ORF Size:	1530 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC203377).
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_025077.2
RefSeq Size:	2408 bp
RefSeq ORF:	1533 bp
Locus ID:	114034
UniProt ID:	Q96GM8
Cytogenetics:	1p34.1
Protein Families:	Stem cell - Pluripotency, Transcription Factors
MW:	56.5 kDa



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Gene Summary:

Inhibits cell growth rate and cell cycle. Induces CDKN1A expression as well as TGF-beta expression. Mediates the inhibitory growth effect of EGR1. Involved in the maturation of snRNAs and snRNA 3'-tail processing (PubMed:28092684).[UniProtKB/Swiss-Prot Function]