

Product datasheet for **RC215770L4V**

TET2 (NM_017628) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	TET2 (NM_017628) Human Tagged ORF Clone Lentiviral Particle
Symbol:	TET2
Synonyms:	IMD75; KIAA1546; MDS
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_017628
ORF Size:	3495 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC215770).
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_017628.4 , NP_060098.3
RefSeq Size:	9236 bp
RefSeq ORF:	3498 bp
Locus ID:	54790
UniProt ID:	Q6N021
Cytogenetics:	4q24
MW:	130.3 kDa



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Gene Summary:

The protein encoded by this gene is a methylcytosine dioxygenase that catalyzes the conversion of methylcytosine to 5-hydroxymethylcytosine. The encoded protein is involved in myelopoiesis, and defects in this gene have been associated with several myeloproliferative disorders. Two variants encoding different isoforms have been found for this gene. [provided by RefSeq, Mar 2011]