

Product datasheet for **RC213082L4V**

Transglutaminase 7 (TGM7) (NM_052955) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Transglutaminase 7 (TGM7) (NM_052955) Human Tagged ORF Clone Lentiviral Particle
Symbol:	Transglutaminase 7
Synonyms:	TGMZ
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_052955
ORF Size:	2130 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC213082).
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_052955.1
RefSeq Size:	2312 bp
RefSeq ORF:	2133 bp
Locus ID:	116179
UniProt ID:	Q96PF1
Cytogenetics:	15q15.2-q15.3
Protein Families:	Druggable Genome
MW:	79.8 kDa



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Gene Summary:

Transglutaminases (TGM; EC 2.3.2.13) are a family of structurally and functionally related enzymes that stabilize protein assemblies through the formation of gamma-glutamyl-epsilon lysine crosslinks. For additional background information on transglutaminases, see TGM1 (MIM 190195).[supplied by OMIM, Jul 2002]