OriGene Technologies, Inc.
9620 Medical Center Drive, Ste 200
Rockville, MD 20850, US
Phone: +1-888-267-4436
https://www.origene.com
techsupport@origene.com
EU: info-de@origene.com
CN: techsupport@origene.cn

Product datasheet for RC203484L1V

5T4 (TPBG) (NM_006670) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	5T4 (TPBG) (NM_006670) Human Tagged ORF Clone Lentiviral Particle
Symbol:	5T4
Synonyms:	5T4; 5T4AG; M6P1; WAIF1
Mammalian Cell Selection:	None
Vector:	pLenti-C-Myc-DDK (PS100064)
Tag:	Myc-DDK
ACCN:	NM_006670
ORF Size:	1260 bp
ORF Nucleotide Sequence:	`The ORF insert of this clone is exactly the same as(RC203484).`
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_006670.3
RefSeq Size:	2379 bp
RefSeq ORF:	1263 bp
Locus ID:	7162
UniProt ID:	Q13641
Cytogenetics:	6q14.1
Domains:	LRRNT, LRRCT, LRR, LRR_TYP
Protein Families:	Transmembrane

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MW: 45.9 kDa

Gene Summary: This gene encodes a leucine-rich transmembrane glycoprotein that may be involved in cell adhesion. The encoded protein is an oncofetal antigen that is specific to trophoblast cells. In adults this protein is highly expressed in many tumor cells and is associated with poor clinical outcome in numerous cancers. Alternate splicing in the 5' UTR results in multiple transcript variants that encode the same protein. [provided by RefSeq, Oct 2009]