

Product datasheet for **RC230820L4V**

TRK fused gene (TFG) (NM_001195479) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	TRK fused gene (TFG) (NM_001195479) Human Tagged ORF Clone Lentiviral Particle
Symbol:	TFG
Synonyms:	HMSNP; SPG57; TF6; TRKT3
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_001195479
ORF Size:	1188 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC230820).
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_001195479.1 , NP_001182408.1
RefSeq Size:	2078 bp
RefSeq ORF:	1191 bp
Locus ID:	10342
UniProt ID:	Q92734
Cytogenetics:	3q12.2
Protein Pathways:	Pathways in cancer, Thyroid cancer
MW:	43 kDa



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Gene Summary:

There are several documented fusion oncoproteins encoded partially by this gene. This gene also participates in several oncogenic rearrangements resulting in anaplastic lymphoma and mixoid chondrosarcoma, and may play a role in the NF-kappaB pathway. Multiple transcript variants have been found for this gene. [provided by RefSeq, Sep 2010]