

Product datasheet for **RC226576L4V**

TGF beta receptor associated protein 1 (TGFBRAP1) (NM_001142621) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	TGF beta receptor associated protein 1 (TGFBRAP1) (NM_001142621) Human Tagged ORF Clone Lentiviral Particle
Symbol:	TGFBRAP1
Synonyms:	TRAP-1; TRAP1; VPS3
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_001142621
ORF Size:	2580 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC226576).
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_001142621.1
RefSeq ORF:	2583 bp
Locus ID:	9392
UniProt ID:	Q8WUH2
Cytogenetics:	2q12.1-q12.2
Protein Families:	Druggable Genome
MW:	97 kDa



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Gene Summary:

This gene encodes a protein that binds to transforming growth factor-beta (TGF-beta) receptors and plays a role in TGF-beta signaling. The encoded protein acts as a chaperone in signaling downstream of TGF-beta. It is involved in signal-dependent association with SMAD4. The protein is also a component of mammalian CORVET, a multisubunit tethering protein complex that is involved in fusion of early endosomes. [provided by RefSeq, Jun 2016]