

Product datasheet for **RR204308L4V**

Tnfaip1 (NM_182950) Rat Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Tnfaip1 (NM_182950) Rat Tagged ORF Clone Lentiviral Particle
Symbol:	Tnfaip1
Synonyms:	Edp1
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_182950
ORF Size:	948 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RR204308).
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_182950.4 , NP_891995.1
RefSeq Size:	3885 bp
RefSeq ORF:	951 bp
Locus ID:	287543
UniProt ID:	Q7TNY1
Cytogenetics:	10q25



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Gene Summary:

Substrate-specific adapter of a BCR (BTB-CUL3-RBX1) E3 ubiquitin-protein ligase complex involved in regulation of cytoskeleton structure. The BCR(TNFAIP1) E3 ubiquitin ligase complex mediates the ubiquitination of RHOA, leading to its degradation by the proteasome, thereby regulating the actin cytoskeleton and cell migration. Its interaction with RHOB may regulate apoptosis (By similarity). May enhance the PCNA-dependent DNA polymerase delta activity.[UniProtKB/Swiss-Prot Function]