

Product datasheet for **RC212332L4V**

TIP30 (HTATIP2) (NM_001098522) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	TIP30 (HTATIP2) (NM_001098522) Human Tagged ORF Clone Lentiviral Particle
Symbol:	TIP30
Synonyms:	CC3; SDR44U1; TIP30
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_001098522
ORF Size:	726 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC212332).
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_001098522.1 , NP_001091992.1
RefSeq Size:	1719 bp
RefSeq ORF:	729 bp
Locus ID:	10553
UniProt ID:	Q9BUP3
Cytogenetics:	11p15.1
Protein Families:	Druggable Genome
MW:	27.1 kDa


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Gene Summary:

Oxidoreductase required for tumor suppression. NADPH-bound form inhibits nuclear import by competing with nuclear import substrates for binding to a subset of nuclear transport receptors. May act as a redox sensor linked to transcription through regulation of nuclear import. Isoform 1 is a metastasis suppressor with proapoptotic as well as antiangiogenic properties. Isoform 2 has an antiapoptotic effect.[UniProtKB/Swiss-Prot Function]