

Product datasheet for **RC225613L4V**

THAP5 (NM_001130475) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Symbol:	THAP5
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_001130475
ORF Size:	1185 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC225613).
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_001130475.1
RefSeq ORF:	1188 bp
Locus ID:	168451
UniProt ID:	Q7Z6K1
Cytogenetics:	7q31.1
MW:	45.2 kDa



Gene Summary:

Has sequence-specific DNA-binding activity and can function as transcriptional repressor (in vitro) (PubMed:21110952). May be a regulator of cell cycle: THAP5 overexpression in human cell lines causes cell cycle arrest at G2/M phase (PubMed:19502560).[UniProtKB/Swiss-Prot Function]