

Product datasheet for RC200276L4V

OriGene Technologies, Inc.

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TIP30 (HTATIP2) (NM_006410) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type: Lentiviral Particles

Product Name: TIP30 (HTATIP2) (NM_006410) 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_006410

ORF Size: 828 bp

ORF Nucleotide

The ORF insert of this clone is exactly the same as(RC200276).

Sequence:

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.

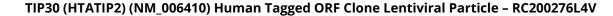
RefSeg: NM 006410.3, NP 006401.2

RefSeq Size: 1404 bp
RefSeq ORF: 729 bp
Locus ID: 10553
UniProt ID: Q9BUP3
Cytogenetics: 11p15.1

Protein Families: Druggable Genome

MW: 30.2 kDa







Gene Summary:

Oxidoreductase required for tumor suppression. NAPDH-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]