

## Product datasheet for **RC201084L2V**

### STIP1 (NM\_006819) Human Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	STIP1 (NM_006819) Human Tagged ORF Clone Lentiviral Particle
Symbol:	STIP1
Synonyms:	HEL-S-94n; HOP; IEF-SSP-3521; P60; STI1; STI1L
Mammalian Cell Selection:	None
Vector:	pLenti-C-mGFP (PS100071)
Tag:	mGFP
ACCN:	NM_006819
ORF Size:	1629 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC201084).
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. <a href="#">More info</a>
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:	<a href="#">NM_006819.2</a>
RefSeq Size:	2219 bp
RefSeq ORF:	1632 bp
Locus ID:	10963
UniProt ID:	<a href="#">P31948</a>
Cytogenetics:	11q13.1
Domains:	TPR, STI1
Protein Families:	Stem cell - Pluripotency



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**Protein Pathways:** Prion diseases

**MW:** 62.6 kDa

**Gene Summary:** STIP1 is an adaptor protein that coordinates the functions of HSP70 (see HSPA1A; MIM 140550) and HSP90 (see HSP90AA1; MIM 140571) in protein folding. It is thought to assist in the transfer of proteins from HSP70 to HSP90 by binding both HSP90 and substrate-bound HSP70. STIP1 also stimulates the ATPase activity of HSP70 and inhibits the ATPase activity of HSP90, suggesting that it regulates both the conformations and ATPase cycles of these chaperones (Song and Masison, 2005 [PubMed 16100115]).[supplied by OMIM, Jul 2009]