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Product datasheet for RC211475L4V

SIAH1 (NM_001006610) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	SIAH1 (NM_001006610) Human Tagged ORF Clone Lentiviral Particle
Symbol:	SIAH1
Synonyms:	BURHAS; SIAH1A
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_001006610
ORF Size:	939 bp
ORF Nucleotide Sequence:	`The ORF insert of this clone is exactly the same as(RC211475).`
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_001006610.1
RefSeq Size:	2393 bp
RefSeq ORF:	942 bp
Locus ID:	6477
UniProt ID:	Q8IUQ4
Cytogenetics:	16q12.1
Protein Families:	Druggable Genome
Protein Pathways:	p53 signaling pathway, Ubiquitin mediated proteolysis, Wnt signaling pathway

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MW: 34.6 kDa

Gene Summary: This gene encodes a protein that is a member of the seven in absentia homolog (SIAH) family. The protein is an E3 ligase and is involved in ubiquitination and proteasome-mediated degradation of specific proteins. The activity of this ubiquitin ligase has been implicated in the development of certain forms of Parkinson's disease, the regulation of the cellular response to hypoxia and induction of apoptosis. Alternative splicing results in several additional transcript variants, some encoding different isoforms and others that have not been fully characterized. [provided by RefSeq, Jul 2008]