Product datasheet for RC213644L4V

SARA (ZFYVE9) (NM_007324) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	SARA (ZFYVE9) (NM_007324) Human Tagged ORF Clone Lentiviral Particle
Symbol:	SARA
Synonyms:	MADHIP; NSP; PPP1R173; SARA; SMADIP
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_007324
ORF Size:	4098 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC213644).
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_007324.3
RefSeq Size:	4753 bp
RefSeq ORF:	4101 bp
Locus ID:	9372
UniProt ID:	O95405
Cytogenetics:	1p32.3
Domains:	FYVE
Protein Pathways:	TGF-beta signaling pathway

View online »

MW: 150.2 kDa

Gene Summary: This gene encodes a double zinc finger motif-containing protein that participates in the transforming growth factor-beta (TGFB) signalling pathway. The encoded protein interacts directly with SMAD2 and SMAD3, and recruits SMAD2 to the TGFB receptor. There are multiple pseudogenes for this gene on chromosomes 2, 15, and X. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Mar 2013]