

Product datasheet for **RC212844L4V**

RASSF7 (NM_003475) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	RASSF7 (NM_003475) Human Tagged ORF Clone Lentiviral Particle
Symbol:	RASSF7
Synonyms:	C11orf13; CFAP88; FAP88; HRAS1; HRC1
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_003475
ORF Size:	1119 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC212844).
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_003475.2
RefSeq Size:	1539 bp
RefSeq ORF:	1122 bp
Locus ID:	8045
UniProt ID:	Q02833
Cytogenetics:	11p15.5
MW:	39.8 kDa


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Gene Summary:

Negatively regulates stress-induced JNK activation and apoptosis by promoting MAP2K7 phosphorylation and inhibiting its ability to activate JNK. Following prolonged stress, anti-apoptotic effect stops because of degradation of RASSF7 protein via the ubiquitin-proteasome pathway. Required for the activation of AURKB and chromosomal congression during mitosis where it stimulates microtubule polymerization.[UniProtKB/Swiss-Prot Function]