

Product datasheet for **RC213836L3V**

IQSEC1 (NM_014869) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	IQSEC1 (NM_014869) Human Tagged ORF Clone Lentiviral Particle
Symbol:	IQSEC1
Synonyms:	ARF-GEP100; ARFGEP100; BRAG2; GEP100; IDDSSBA
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_014869
ORF Size:	2889 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC213836).
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_014869.3
RefSeq Size:	4414 bp
RefSeq ORF:	2892 bp
Locus ID:	9922
UniProt ID:	Q6DN90
Cytogenetics:	3p25.2-p25.1
Protein Pathways:	Endocytosis
MW:	108.1 kDa



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Gene Summary:

Guanine nucleotide exchange factor for ARF1 and ARF6 (PubMed:24058294). Guanine nucleotide exchange factor activity is enhanced by lipid binding (PubMed:24058294). Accelerates GTP binding by ARFs of all three classes. Guanine nucleotide exchange protein for ARF6, mediating internalisation of beta-1 integrin.[UniProtKB/Swiss-Prot Function]