Product datasheet for RC218885L4V

KALRN (NM_007064) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	KALRN (NM_007064) Human Tagged ORF Clone Lentiviral Particle
Symbol:	KALRN
Synonyms:	ARHGEF24; CHD5; CHDS5; DUET; DUO; HAPIP; TRAD
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_007064
ORF Size:	3867 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC218885).
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_007064.2
RefSeq Size:	5729 bp
RefSeq ORF:	3870 bp
Locus ID:	8997
UniProt ID:	O60229
Cytogenetics:	3q21.1-q21.2
Domains:	RhoGEF, pkinase, TyrKc, PH, S_TKc, ig, IGc2, IG, FN3
Protein Families:	Druggable Genome, Protein Kinase

View online »

MW: 144.3 kDa

Gene Summary: Huntington's disease (HD), a neurodegenerative disorder characterized by loss of striatal neurons, is caused by an expansion of a polyglutamine tract in the HD protein huntingtin. This gene encodes a protein that interacts with the huntingtin-associated protein 1, which is a huntingtin binding protein that may function in vesicle trafficking. [provided by RefSeq, Apr 2016]