Product datasheet for RC207686L4V

IKAP (IKBKAP) (NM_003640) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	IKAP (IKBKAP) (NM_003640) Human Tagged ORF Clone Lentiviral Particle
Symbol:	IKAP
Synonyms:	DYS; FD; IKAP; IKBKAP; IKI3; TOT1
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_003640
ORF Size:	3996 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC207686).
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_003640.2
RefSeq Size:	5917 bp
RefSeq ORF:	3999 bp
Locus ID:	8518
UniProt ID:	O95163
Cytogenetics:	9q31.3
Domains:	IKI3
Protein Families:	Druggable Genome

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MW: 150.1 kDa

Gene Summary: The protein encoded by this gene is a scaffold protein and a regulator for three different kinases involved in proinflammatory signaling. The encoded protein can bind NF-kappa-B-inducing kinase and I-kappa-B kinases through separate domains and assemble them into an active kinase complex. Mutations in this gene have been associated with familial dysautonomia. Alternative splicing results in multiple transcript variants encoding different isoforms. [provided by RefSeq, Jan 2016]