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Product datasheet for RC212154L3V

KCNH8 (NM_144633) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	KCNH8 (NM_144633) Human Tagged ORF Clone Lentiviral Particle
Symbol:	KCNH8
Synonyms:	ELK; ELK1; elk3; Kv12.1
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_144633
ORF Size:	3321 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC212154).
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_144633.2
RefSeq Size:	5106 bp
RefSeq ORF:	3324 bp
Locus ID:	131096
UniProt ID:	Q96L42
Cytogenetics:	3p24.3
Domains:	cNMP, PAC, ion_trans
Protein Families:	Druggable Genome, Ion Channels: Potassium, Transmembrane

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MW: 123.6 kDa

Gene Summary: Voltage-gated potassium (Kv) channels represent the most complex class of voltage-gated ion channels from both functional and structural standpoints. Their diverse functions include regulating neurotransmitter release, heart rate, insulin secretion, neuronal excitability, epithelial electrolyte transport, smooth muscle contraction, and cell volume. This gene encodes a member of the potassium channel, voltage-gated, subfamily H. This member is a pore-forming (alpha) subunit. [provided by RefSeq, Jul 2008]