

Product datasheet for SC322839

LY6E (NM_001127213) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	LY6E (NM_001127213) Human Untagged Clone
Tag:	Tag Free
Symbol:	LY6E
Synonyms:	RIG-E; RIGE; SCA-2; SCA2; TSA-1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC322839 representing NM_001127213. Blue=Insert sequence Red=Cloning site Green=Tag(s)

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GCTCGTTTAGTGAACCGTCAGAATTTGTAAACGACTCACTATAGGGCGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGAAGATCTTCTTGCCAGTGCTGCTGGCTGCCCTTCTGGGTGTGGAGCGAGCCAGCTCGCTGATGTGC
TTCTCCTGCTTGAACCAGAAGAGCAATCTGTACTGCCTGAAGCCGACCATCTGCTCCGACCAGGACAAC
TACTGCGTGACTGTGCTGCTAGTGCCGGCATTGGGAATCTCGTGACATTTGGCCACAGCCTGAGCAAG
ACCTGTTCCCGGCTGCCCATCCCAGAAGGCGTCAATGTTGGTGTGGCTTCCATGGGCATCAGCTGC
TGCCAGAGCTTTCTGTCAATTTCAAGTGGCCGATGGCGGGCTGCGGGCAAGCGTCACCCTGCTGGT
GCCGGGCTGCTGCTGAGCCTGCTGCCGGCCTGCTGCGGTTTGGCCCTGA
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGCGC
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Restriction Sites: Sgfl-MluI

Plasmid Map:

ACCN: NM_001127213

Insert Size: 396 bp

OTI Disclaimer: Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).



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OTI Annotation:	This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.
Components:	The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).
Reconstitution Method:	<ol style="list-style-type: none">1. Centrifuge at 5,000xg for 5min.2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.3. Close the tube and incubate for 10 minutes at room temperature.4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.
RefSeq:	NM_001127213.1
RefSeq Size:	1189 bp
RefSeq ORF:	396 bp
Locus ID:	4061
UniProt ID:	Q16553
Cytogenetics:	8q24.3
MW:	13.5 kDa
Gene Summary:	<p>Involved in T-cell development. Believed to act as a modulator of nicotinic acetylcholine receptors (nAChRs) activity. In vitro inhibits alpha-3:beta-4-containing nAChRs maximum response.[UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (2) differs in the 5' UTR compared to variant 1. Variants 1 and 2 encode the same protein.</p>