

Product datasheet for SC214016

IQSEC2 (NM_001111125) Human 3' UTR Clone

Product data:

Product Type: 3' UTR Clones
Product Name: IQSEC2 (NM_001111125) Human 3' UTR Clone
Vector: pMirTarget (PS100062)
Symbol: IQSEC2
Synonyms: BRAG1; IQ-ArfGEF; MRX1; MRX18; MRX78
ACCN: NM_001111125
Insert Size: 1373 bp
Insert Sequence: >SC214016 3'UTR clone of NM_001111125
 The sequence shown below is from the reference sequence of NM_001111125. The complete sequence of this clone may contain minor differences, such as SNPs.
 Blue=Stop Codon Red=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
AAGCCAAGCCGGATCAGCACCGTGGTCTGATGAATGGAGAGAGTGAGCTGGGGAACAGGAAAGTCTGGG
GAGCCACAGGAGAGGGACCTTGACCCCTTTGCTTCTCGGTTTTTTCAAAAATATATACACATAG
CAATGTCCTCCTCCCATGTCCTCCCTGCCTTGGGACCGTCTCTCACCCCCAGCAGTTGCCATGGGG
TTTCTTCCAGATTCCAGGATCCTTGCCACTTGAAGCCTGGACTCAGGGTCTCCAGCGCTGGGAGTG
GTGAGGGCCTTCCAGAGATCCTCGTACTCTTCTCCCGTCTTCTTCCCCACTTTTCCCTGGAGGTC
TAGCTCTGTGGCCTCAGACCTCTGGCCTGTGTGAGCTCTCTGTGAGCTCTGGCTGGCGGAGAAGGGCA
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CCATGTGTCTTTTGCCTGCTGGAGGACACGGACCATTGATGCACTTGGTGGGTGGGACCCTGCTTGTG
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CAGACCTCTTCGGCTTACGGAACCTGCCTCGCCCTGCAACGTTCTTATCCTGATCAAAGTCCAGACAGG
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CCCTCTCACCATGGGCTGCAGTATAGACAGACAGATGGACCCTGGCTGTACGAAGGGCCAGGGCCACT
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TCTTTTTCTCCTTGTATATAAGAATGTATTTTGTATGCCTCATAAAAAGACCTTGTGCTCA
ACGCGTAAGCGGCCGCGCATCTAGATTGAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
  
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Restriction Sites:	Sgfl-Mlul
OTI Disclaimer:	Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences , e.g., single nucleotide polymorphisms (SNPs).
Components:	The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.
RefSeq:	NM_001111125.3
Summary:	This gene encodes a guanine nucleotide exchange factor for the ARF family of small GTP-binding proteins. The encoded protein is a component of the postsynaptic density at excitatory synapses, and may play a critical role in cytoskeletal and synaptic organization through the activation of selected ARF substrates including ARF1 and ARF6. Mutations in this gene have been implicated in nonsyndromic X-linked cognitive disability. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene. [provided by RefSeq, Aug 2011]
Locus ID:	23096
MW:	49.7