

Product datasheet for **SC329308**

IQSEC3 (NM_001170738) Human Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: IQSEC3 (NM_001170738) Human Untagged Clone
Tag: Tag Free
Symbol: IQSEC3
Mammalian Cell Selection: Neomycin
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Fully Sequenced ORF: >SC329308 representing NM_001170738.
 Blue=Insert sequence Red=Cloning site Green=Tag(s)

GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTG
 GATCCGGTACCGAGGAGATCTGCCGCC**GCGATCGCC**
 ATGGAGAGCCTGCTGGAGAATCCGGTGCAGCGCCGTGCTCTACCTCAAGGAGCTCACGGCCATCGTGCAG
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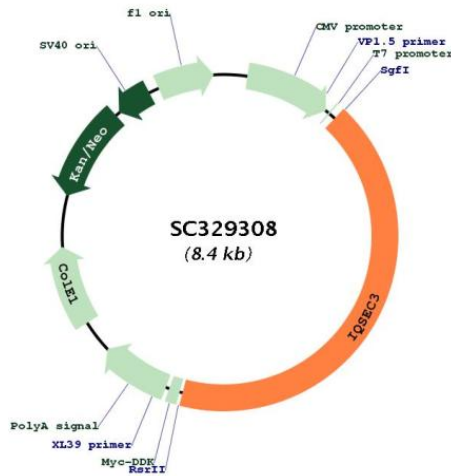
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TCATGCGCAGAGGCTGCGGCTAGTGGGGCGGCGGATGGGGCCACAGCCCCAAAACAGAGGAGGAAGAG
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 AAGGGCATCCAGTTCCTGATCTCACGCGGCTTCATCCCGGACACCCCATCGGTGTGGCCATTTCTC
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Restriction Sites:

SgfI-RsrII

Plasmid Map:



ACCN:

NM_001170738

Insert Size:	3549 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).
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_001170738.1
RefSeq Size:	6976 bp
RefSeq ORF:	3549 bp
Locus ID:	440073
UniProt ID:	Q9UPP2
Cytogenetics:	12p13.33
Protein Pathways:	Endocytosis
MW:	127.6 kDa
Gene Summary:	Acts as a guanine nucleotide exchange factor (GEF) for ARF1.[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (1) represents the longer transcript and encodes the longer isoform (1). Sequence Note: The RefSeq transcript and protein were derived from genomic sequence to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments and orthologous data.