

Product datasheet for **RC220753**

IQSEC3 (NM_015232) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	IQSEC3 (NM_015232) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	IQSEC3
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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ORF Nucleotide Sequence:

>RC220753 representing NM_015232
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGCTAGAACATAAGTACGGCGGTACCTGGTGTCCCGCGCGCCGCTTGCACCATCAAACCGCCTTCC
 GCCAATACCAGCTCAGCAAGAATTTCGAGAAAAATCCGCAACTCGCTTCTGGAGAGCCGCCTGCCACGGCG
 GATCTCCCTGCGCAAGGTGCGGTACCCACGGCCGAGAGCCTGGCGGCCGAGAAAAGCGCTCATGGAGGGC
 TACGGCCTCGTGGGGCTGCCGCTGGTGCCTCGCCCTCCCTGCCGCCACCTTCGCAGGCACCTCACCG
 AGCTGGAGGACTCCTTACCGAGCAGGTGCAATCCCTGGCCAAGTCCATCGACGACGCGCTCAGCACGTG
 GAGCCTCAAGACCATGTGCTCCCTGCGGGAGAGTGGCGTTACCAGCTCCACCAGGCCCTGCAGGCGGCC
 GCGGGGCCCCAGGCCTGGAGGCCGAGGGCGGGCGCCGGAGAGCGGGGCCCGGGCCCGGGGATGACG
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 GCAGATCGCCAACCAGAACATATCCGTCTCCTCCTCCAGGCTCTGTGGTGGCCAACCTGCTGGCGCT
 CAGACGCTCAGGCCCCCGCAGAGCCCGCGCGGGCAAGGCCGAGCAGGGCGAGACCTCTGGGCGGGAGG
 CCCCAGAACCCCGCCGTGGGCGGGAGGACGCGTACGCCGAGGACTCATGCGCAGAGGCTGCGGCTAG
 TGGGGCGCGGATGGGGCCACAGCCCCAAAACAGAGGAGGAAGAGGAGGAGGAGGAGACGGCGGAGGTG
 GGGAGAGGGGCGAGGCCGAGGCAGGCGACTTGGAGCAGCTGAGCAGCAGCAGCAGTCCACCAAGTCCG
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 GCGTACCACTGCGAGAACCCAGCCAGCTGCAAGTCCGCCACGCTCTCCACCGACACCCTGCGCAAGCGG
 CTCTACCGCATCGGCCTCAACCTCTTCAACATAAACCCCGACAAGGGCATCCAGTTCCTGATCTCACGGC
 GTTTCATCCCGGACACCCCATCGGTGTGGCCATTTCTCCTCCAGCGAAAGGGCCTCAGCCGCCAGAT
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 TACAGCCCCAACATCAAGCCTGACCGGAAGATGATGCTGGAGGACTTCATCCGAAACCTTCGAGGTGTGG
 ACGATGGCGCTGACATCCCAGGGAGCTGGTGGTAGGCATCTATGAGAGGATACAGCAGAAGGAGCTCAA
 GTCCAATGAGGACCACGTACGTACGTACCAAGGTGGAGAAGTCCATTGTGGGCATGAAGACAGTGCTG
 TCCGTGCCCCACCGCCGCTGGTGTGCTGCAGCCGGCTTTCGAGGTGACGGATGTGAACAAGCTGCAGA
 AGCAGGCAGCGCATCAGAGGGAGGTGTTCTTCAATGACCTGCTGGTATTCTCAAACCTTGGCCGAA
 GAAGAAGAGCTCCTCCAGTACACCTTTTGCAAGTCAAGTGGCCTGCTGGGCATGCAGTTCAGCTCTTT
 GAGAACGAGTATTACTCTCATGGCATCACACTGGTACCCCGCTCTCGGGCTCCGAGAAGAAGCAGGTGC
 TGCATTTCTGTGCCCTGGGCTCGGACGAGATGCAGAAGTTCGTGGAGGACCTGAAGGAGTCCATTGCTGA
 GGTGACGGAGCTGGAGCAGATCCGAATAGAGTGGGAGCTGGAGAAGCAGCAGGGAACAAAGACACTCTCC
 TTCAAGCCCTGCGGAGCCAGGGGGACCCACAGTCAAAGCAAGGATCGCCGACAGCCAAAAGGGAAGCCG
 CGCTCAGGGAGAGGCCGGCGGAGAGCACGGTGGAGTATTAATCAATGCCTCCCCAGCCCGACTACCAT
 TTTACCAATTTCAAGAGATAACAATAAAAGTTACTGC

AG**CGGACCG**ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCC
 TGGATTACAAGGATGACGACGATAAGGTTAA

Reconstitution Method:

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_015232.1](#), [NP_056047.1](#)

RefSeq Size: 2699 bp

RefSeq ORF: 2280 bp

Locus ID: 440073

UniProt ID: [Q9UUP2](#)

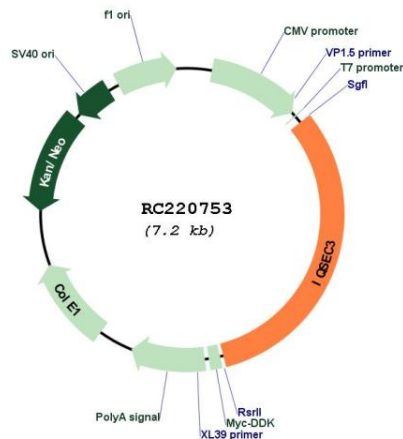
Cytogenetics: 12p13.33

Protein Pathways: Endocytosis

MW: 83 kDa

Gene Summary: Acts as a guanine nucleotide exchange factor (GEF) for ARF1.[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for RC220753