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Product datasheet for SC314408

IQCA1 (BC028699) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	IQCA1 (BC028699) Human Untagged Clone
Tag:	Tag Free
Symbol:	IQCA1
Synonyms:	4930465P12Rik; FLJ22527; IQCA; IQ motif containing with AAA domain 1
Vector:	pCMV6 series

View online »

Fully Sequenced ORF:

>NCBI ORF sequence for BC028699, the custom clone sequence may differ by one or more nucleotides

ATGTCGAACGCAATGTATAATAAGATGTGGCATCAGACCCAAGAAGCCCTCGGTGCTTTA
CTCGATAAAGAGCCTCAGAAGATGATTGAACCACAAAGAAATCAGGTTTTCATCTTTCAA
ACATTAGCCACCTTCTACGTAAAGTATGTGCAGATCTTTAGAAACCTAGAGAATGTCTAC
GACCAGTTCGTCCACCCCCAGAAACGAATACTGATCAGGAAAGTCCTGGACGGGGTGATG
GGCCGCATCCTGGAGCTGAAGAACGAGATGGTGGAGCTGGAACTCACGGAGTTCCATTAT
TTCGATGATATCCTGCAGGATCTCAAGCTGGCCCCCCAACAATTAGATATTCCCATACCC
AAGTATTTTTTGAAGGAGAAGTTGGAAGTAATAAAAGGAAGAGAGAAAATTCTTGCTCAA
ATATTAGCGGACAGCGGAATAGATACATCTGACATGAAATACCCTGTAAAGAGTATCCCT
TTCGATGAGGCTGTTAAATTAATCCAGATTGCTGAGAGGGCACGGCAAGGTCGCCTAAGG
GCTTTATTCATGAAGCAAATCTATCTGCAAGAATATAGAGCAAAGCAATCCAAGATGCTT
GGCAAGAAAGTGACAGATACCTGGGCTGCTGCACTCCGCATTCAGAAGGTTTGGCGACGT
TTCCATCAACGTAAGGAAACTGAAAAACTGAGAGAAGAGGAGATGATCTTCCTGGGTATG
AATCCACCTCCTCTCTTTAATGAAGTCAGTGCTACAGTAATCCAGGCTGAAAAGGTGGAC
CGCCTGCGGAATGAGGTGCAGATAAAGCATGAAGAGGACTACAGGGAAGCCCTGGTTACC
ATCAAGAATGACCTAAAGTTGATAGAAGGCGTGGATATCAAGGAGAACCTTCAAGACCAG
ATCCGGCATTGGTTCATCGAATGCAGAAATTTAACCGGGACATTTCCTGACTACCCTGAC
GTTGAAGAAGGAGGGTCAGCTATTATTTTTTCTGACAAGACCATACAACAGGTTATTGAG
GATATCATAGCAAACCAAGAGGAAGAAGAAAAAAACAAAAAGAAGAAGAAGAAAAAGGAA
AAACAACCCAAGAAAGCCAAAAAACAAAAGAAAGGAACAAAGGAGAAAAATAAGGAAGAA
GACGAAAAATGGAAAATGTCACCAAGTCTTTTTCTTCCTGCAATGAAGGAAGGATGTAAC
GCATACAAAGAAATCTGGATGAAAAAAGATGAGTCTTGGAATTTCTCTCAGGACTATGAT
CCAGAACTGATCAAAGAGGAGAAACGAAAAGAATTACAGTCAGAGATCAGGATACAGGTT
GATGAGTTGATGAGACAGGAACTTAAAAACTTAAAGCTAGCTGTGGACAGAGAAAGGGAG
CGCCCAGTGAAAGCAGGAAAGAAAAAGGACAAGAAGAAAGGAAAGAAAGGCAAAAAGAAA
GAGAAGAAGGCAAAGAAGGATAAAGATCTGACAGCTGACAGGACCATCGAGTCTCTGTAT
AAGGAACTGGTGGAAGAAGGATTACTGATCCAGGCTCTGAAAGTCAACCTCTCTGATTAC
ATTGGTGAGTACAGCTACCTGGGGACTACTCTTCGCCAGGTGTCCATAGAACCCATGCCC
TCCCTCCTGGATGTCAGACAGCTCATCACATTGTACGGAATCTGGCCATTAGGTTCTGCA
GCAGTGCATGAGAAAGCTCCTTTGGTGAAATCGCTACTGTTAGCCGGGCCGTCTGGGGTA
GGGAAGAAAATGCTGGTCCATGCCATCTGCACCGAAACGGGAGCCAACCTCTTCAACTTG
TCCTCCTCTAACATTGCTGGGAAATACCCTGGCAAAAATGGCCTCCAAATGATGCTGCAT
GCAGTCTTCAAGGTGGCTCGACAGCTCCAGCCCTCCGTGGTGTGGATTGAAGACACAGAA
AAAACCTTCTACAAAAAAGTTCCCAACGCAGAAAAGATGTTCACTCCCTCTGCTGGCGAA
GTTGCTGCATTGCAGAAAAACTTGAAAAGGTCCACAAGTAGAATGAACCTAAACGCC

Restriction Sites: Please inquire

ACCN: BC028699

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:	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:	BC028699.1, AAH28699.1
RefSeq Size:	3421 bp
RefSeq ORF:	2040 bp
Locus ID:	79781
Cytogenetics:	2q37.2-q37.3
Domains:	IQ
Gene Summary:	The protein encoded by this gene is a member of the ATPases Associated with diverse cellular Activities (AAA) superfamily. Members of this superfamily, found in all organisms, participate in a large number of cellular processes and contain the ATPase module consisting of an alpha-beta-alpha core domain and the Walker A and B motifs of the P-loop NTPases. Alternative splicing results in multiple transcript variants that encode different protein isoforms. [provided by RefSeq, Jul 2012]