

Product datasheet for **SC122539**

ICK (BC035807) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ICK (BC035807) Human Untagged Clone
Tag:	Tag Free
Symbol:	ICK
Synonyms:	intestinal cell (MAK-like) kinase; intestinal cell kinase; KIAA0936; LCK2; MAK-related kinase; MGC46090; MRK; OTTHUMP00000016630; OTTHUMP00000039961; serine/threonine protein kinase
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >OriGene sequence for BC035807 edited
 GTTATGAGAAGGATATTGACGGATATTCCAGAACAACCTGATTCTTTTGTAAATGTTAACCT
 TTTAAAGTTTGACTTTGACACTAACATTAAGGACTTATATGTAATATAGCTAATGCATCA
 TTCTGCAGAGAAGAGTATTCTTTCCACTTACAACATAAAGACCTGCTTTTGCTGGAG
 CTGTGCTAGGCTGAGGGAATCCACACTGAATTTACAAGCGGGATGGATTTCTCTAAGG
 CAGAAGACTGATTTTTGGAAATATGTATTTGGGAGACAGTCACGTCTATTGAATACCTT
 GTGCTGGTGTGCCATCGAAAAATCTGGTTACACTCTGGGGAGGACTGCTACCACTGCAG
 AACTGAACCACTTCGGCCGTGAGATGAGTGTCCGGCCTGAGCAGGCACACCATGAATAGA
 TACACAACAATCAGGCAGCTCGGGGATGGAACCTACGGTTCCGTCTGCTGGGAAGAAGC
 ATTGAGTCTGGGGAGCTGATCGCTATTAATAAAGTAAAGAAAAATTTTATTCTGGGAG
 GAATGCATGAACCTTCGGGAGGTTAAGTCTTTAAAGAAGCTCAACCATGCCAATGTAGTC
 AAATTAAGAAGTTATCAGGGAATGATCATCTTTATTTTATCTTCGAGTACATGAAG
 GAAAACTTTACCAGCTCATTAAAGAGAGAAATAAGTTGTTTCTGAGTCTGCTATAAGG
 AATATCATGTATCAGATATTACAAGGACTCGCATTTATTCACAAACACGGCTTCTTCAT
 CGAGACTTAAAGCCTGAGAACCTCTCTGCATGGGACCAGAACTGTGAAAAATGCAGAC
 TTTGGTTTGGCCCGAGAAATACGATCAAAACCTCCATATACAGATTATGTATCTACCAGA
 TGGTACAGGGCTCCAGAAGTACTCTGAGGTCTACCAACTACAGCTCCCCCATTGACGTC
 TGGGCGGTGGGCTGCATCATGGCAGAAGTTTACACCCTCAGGCCACTCTTCCCTGGAGCC
 AGTGAAATTGACACAATATTCAAAATTTGCCAAGTGTCTGGGGACACCAAAAAAGACTGAC
 TGGCCTGAAGGCTATCAACTTCAAGTGAATGAACCTCCGTTGGCCACAGTGTGTACCC
 AATAACTTAAAGACCTTGATTCCCAATGCTAGCAGTGAAGCAGTCCAGCTCCTGAGAGAC
 ATGCTTCAGTGGGATCCCAAGAAACGACCAACAGCTAGTCAGGTTTTCTTCCATTTTCTT
 GTTATAACGTTTATCTAATCTGAATAATTTCTATGAATTGCACAGGAAATATTTAGT
 ATTTAGTATTATGGGTGAGAAATAGTACAGAATACCACTAATGGTGTACTATATAAGGTA
 TGAGAACTTAAATAGTTTGAACTTACTGGGTATAAAGTAGTTACAATGTAAACATAT
 AGTTGCTTTGAAATTTGGCATGTAATTCACATGATATATCACCATTATATGGAATGGA
 AATAACATATATTTATCCGTCTTTGGAGAATGTTTTCAAATCTATTCTCTATGAGTTAC
 AATTATATAGTAGTTTGTATAAGCCGGTACTGGTTGTTGAAAGGCACTTCATATTAT
 GTAAAAGTCCAACTGACTCATAACCTGAAGAGATTGACAGATGAGATAGACCTAGGATAG
 TAACTGCACTTAGTATTTATAGCACTTTACAGTGTGCAATGCTTGAATATATTTTATA
 TGATTTTAAATCCAATAAAGACTCCATGAGACAGGCAAAAAAAAAAAAAAAAAAAAAA
 AAAAAA

5' Read Nucleotide Sequence: >OriGene 5' read for BC035807 unedited
 NNCCGTCAAAATTTGTAACGACTCATATAGGCGCCGCGNAATCAAACTGGTACCGGT
 CCGGAATTCCTGGGATGTTATGAGAAGGATATTGACGGATATTCCAGAACAACCTGATTCT
 TTTGTAATGTTAACCTTTTAAAGTTTGACTTTGACACTAACATTAAGGACTTATATGTAA
 TATAGCTAATGCATATTCTGCAGAGAAGAGTATTCTTTCCACTTACAACATAAAGA
 CCTGCTTTTGCTGGAGCTGTGCTAGGCTGAGGGAATCCACACTGAATTTACAAGCGGG
 ATGGATTTCTCTAAGGCAGAAGACTGATTTTGGAAATATGTATTGGGAGACAGTCACG
 TCCTATTGAATACCTTGTGCTGGTGTGCCATCGAAAAATCTGGTTACACTCTGGGGAGG
 ACTGCTACCACTGCAGAAGTGAACCACTTCGGCCGTGAGATGAGTGTCCGGCCTGAGCAG
 GCACACCATGAATAGATACACAACAATCAGGCAGCTCGGGGATGGAACCTACGGTTCCG
 TCCTGCTGGGAAGAAGCATTGAGTCTGGGGAGCTGATCGCTATTAATAAAGTAAAGAA
 AATTTTATTCTGGGAGGAATGCATGAACCTTCGGGAGGTTAAGTCTTTAAAGAAGCTCA
 ACCATGCCAATGTAGTCAAAATTAAGAAGTATCAGGGAATGATCATCTTTATTTTA
 TCTTCGAGTACATGAAGAAAAATCTTTACCAGCTCATTAAAGAGAGAAATAAGTTGTTTC
 CTGAGTCTGCTATAANGAATATCATGTATCAGATATTACAGGNACTCGCATTTTATTCACA
 AACACCGGCTTCTTCATCGAGACTTAAAGCCTGAGAACCTNCTCTGCATGGGACCAGAA
 CTTGTGAATTCAGACTTGGNTTTNGGCCGANAAA

Restriction Sites: Please inquire

ACCN:	BC035807
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).
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:	BC035807.1 , AAH35807.1
RefSeq Size:	1806 bp
Locus ID:	22858
Cytogenetics:	6p12.1
Protein Families:	Druggable Genome, Protein Kinase
Gene Summary:	Eukaryotic protein kinases are enzymes that belong to a very extensive family of proteins which share a conserved catalytic core common with both serine/threonine and tyrosine protein kinases. This gene encodes an intestinal serine/threonine kinase harboring a dual phosphorylation site found in mitogen-activating protein (MAP) kinases. The protein localizes to the intestinal crypt region and is thought to be important in intestinal epithelial cell proliferation and differentiation. Alternative splicing has been observed at this locus and two variants, encoding the same isoform, have been identified. [provided by RefSeq, Jul 2008]