

Product datasheet for **SC126476**

FUZ (BC010092) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	FUZ (BC010092) Human Untagged Clone
Tag:	Tag Free
Symbol:	FUZ
Synonyms:	FLJ22688; fuzzy homolog; fuzzy homolog (Drosophila); FY
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)

Fully Sequenced ORF: >OriGene sequence for BC010092 edited
 CTGATTACCGCCATGCTCCAAGACCCGCACTGACAGTCCCCACGTGAGGGACCGCGTGG
 GAGTCCTAAATGGGGAGGAGGGGACGGCGGCACTGTGCATCTGCTGTGCCTCGCGGCC
 TCCAGCGGGTCCCCCTATTCTGCAGGAGCAGTCGCGGCGGCGCCCCGCCCCGTACAGCAG
 CTCCCCTTCTCTGTTCATCGGTTCCCTCAATGGAGTCCACATGTTTGGGCAGAATCTGGAG
 GTGCAGCTGAGCTCTGCGAGGACCGAGAACACGACTGTGGTCTTCTTGTGGGACTTGAA
 GAACTGACCAATATCCGCAACGTGGAGAGACTGAAGAAGGACTTGAGGGCCAGTTATTGC
 CTCATCGACAGCTTCTGGGGGACTCGGAGCTCATCGGGGACCTGACCCAGTGTGTGGAC
 TGCGTGATTCTCCAGAGGGTCCCTCTTGCAGGAAGCCCTCTCCGGGTTGCTGAGGCC
 GCGGGCACGACCTTCGTAGTCTGGTGGTGTCCGCGCGGGTGGTGGCAGCAACAGAGGGT
 TGGTGGCGGCTGGGGACCGCCGAGGCCGTGCTGCTCCCCTGGCTGGTGGGGTCCCTGCCG
 CCGCAGACCGCTCGGACTACCCGGTGTACCTGCCGCACGGGAGCCCCACGGTCCCACAC
 CGGCTCCTGACCCGACTCTGCTGCCGAGCCTGGAGCTGTGTCTACTCTGCGGGCCGAGC
 CCACCCCTCAGCCAGTTGTATCCACAGCTTCTGAGCGCTGGTGGCAGCCACTGCTGGACC
 CGTTGCGGGCCTGTCTGCCGTTGGGACCCCGGGCGCTGCCAGTGGCTTCCCCCTTACACA
 CAGACATCCTCGGGTGTCTCCTCCACCTGGAAGTGAAGCGCTGCCTTTCACCGTGG
 AGCCCTTGGGGGATAAAGAGCCTTCACCAGAACAGCGCCGGCGCCTCCTCCGAAACTTCT
 ATACCTGGTACCTCCACGCACTTCCCACCAGAGCCAGGGCCACCAGAGAAGACAGAAG
 ATGAGGCTACCAAGGCCAGCTGCCAGAGCTTGTACCTGGTGTGGGGACTGAGGAAC
 CAGGCACAGGAGTGCCTGTGGTGGCCTTGCAGCTGGGGCTTCGGCGGCTGCTGCTGCTGC
 TGCTCCCCAGAGTCCCACCCATGGGCTGCGAAGCCTGGCCACCCACACTCTGCATGCC
 TCACCCCACTTCTTTGACTACCTAGCAGTGGGTGATGGACACAGACATGGGGCTGTTAGC
 GTCTCTGTGTTATTCGCTCACATAATACACAGCCCCTGGATGGGGAGGGGGTAGGAGG
 GGCTACAACAGGGTGGGGTGGGAGGGGAGGAGACATCCACTTCCCTGGCCCCCTCCCCT
 CTGTGCTTGGGGGGAAAGGGAGGGAGGGGACTCCCCCTAACCCCCAGAATGTAACA
 GCAGCAGATGAACAAAAATAAAAATACAAAAGGCCGAAAAA



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5' Read Nucleotide Sequence:	>OriGene 5' read for BC010092 unedited AGGTTTCAGCATTTTTGTNAATACGCACTCCACTATTAGGGCGGCCGCAATTCGCACGA GGCCCTCTGGCGGCTCCGGACCACAGCCGAGTTACTCTGATTACCGCCATGCTCCAAGAC CCGCACTGACAGTCCCCACGTGAGGGACCGGGTGGGAGTCCTAAATGGGGGAGGAGGGG ACGGGCGGCACTGTGCATCTGCTGTGCCTCGCGCCTCCAGCGGGTCCCCCTATTCTGC AGGAGCAGTCGCGGCGGGCCCCCGCCGTCAGCAGCTCCCGTTCTCTGTCATCGGTTCC CTCAATGGAGTCCACATGTTTGGGCAGAATCTGGAGGTGCAGCTGAGCTCTGCGAGGACC GAGAACACGACTGTGGTGTGAAAAGCTTCCATGACAGCATCACCCCTATTGTTCTGTCA TCTGAGGTGGGCATCTCTGAGCTGAGGCTGGAGAGACTACTCAAATGGTGTGGAGCC ATGGTCTTCTTGTGGACTTGAAGAACTGACCAATATCCGCAACGTGGAGAGACTGAAG AAGGACTTGAGGGCCAGTTATTGCCTCATCGACAGCTTCTGGGGGACTCGGAGCTCATC GGGGACCTGACCCAGTGTGTGGACTGCGTGATTCTCCAGAGGGTCCCTCTGCAGGAA GCCCTCTCGGGTTCGCTGAGGCCGCGGGCAGACCTTCGTGAGTCTGGTGGTGTCCCGC CGGGTGGTGGCAGCAACAGAAGTTGGTGGCGGCTGGGGACGCCGAAGCCGTGCTGCTC CCCTGGCTGGTGGTCCCTGCCGNCGACAGCCGCTCGCGACTACCCGGTGTACCTGCCGC ACGGNAGCCCCACGTCCCACACCGGCTCCTGACCCTGACTCTGCTGCCGAGCCTGGAGCT GTGTCTACTCTNGCGGGCCGAGCCACCCTCAACCAGTTGTATCCACAGCT
Restriction Sites:	Please inquire
ACCN:	BC010092
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:	<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:	BC010092.2 , AAH10092.1
RefSeq Size:	1497 bp
Locus ID:	80199
Cytogenetics:	19q13.33
Gene Summary:	This gene encodes a planar cell polarity protein that is involved in ciliogenesis and directional cell movement. Knockout studies in mice exhibit neural tube defects and defective cilia, and mutations in this gene are associated with neural tube defects in humans. Alternatively spliced transcript variants have been found for this gene. [provided by RefSeq, Jul 2012]