

Product datasheet for **SC126379**

FBXO22 (BC039024) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	FBXO22 (BC039024) Human Untagged Clone
Tag:	Tag Free
Symbol:	FBXO22
Synonyms:	F-box only protein 22; F-box protein 22; FBX22; FISTC1; FIST domain containing 1; FLJ13986; MGC31799
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Cell Selection:	None



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Fully Sequenced ORF:

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>OriGene sequence for BC039024 edited
CCACGCGTCCGAATCGGGTTCCTCCGAGCCGCGTAGGACTGGTTCGGCGGGCTGGTGA
GGAATGGAGCCGGTAGGCTGCTGCGGCGAGTGCCGCGGCTCCTCCGTAGACCCGCGGAGC
ACCTTCGTGTTGAGTAACCTGGCGGAGGTGGTGGAGCGTGTGCTCACCTTCCTGCCCGCC
AAGGCGTGTGTCGGGTGGCCTGAATGTTGCGATCTTACCACATACAGTCTTTACATGG
CTGATTCAGAACTTTCATTAGTCTGGAAGAGTGTGCTGGCCATAAGAGAGCAAGGAAAA
GAACTAGTATGGAAACAGCACTTGCCCTTGAGAAGCTATCCCCAAACAATGCCAAGTCC
TTGGGATTGTGACCCAGGAATTGTAGTGACTCCAATGGGATCAGGTAGCAATCGACCTC
AGGAAATAGAAATTGGAGAATCTGGTTTTGCTTTATTATTCCTCAAATTGAAGGAATAA
AAATACAACCCTTTCATTTTATTAAGGATCCAAAGAATTTAACATTAGAAAAGACATCAAC
TCACTGAAGTAGGTCTTTTAGATAACCCTGAACTTCGTGTGGTCTTGTCTTTGGTTATA
ATTGCTGAAGGTGGGAGCCAGTAATTATCTGCAGCAAGTAGTCAGCACTTTCAGTGATA
TGAATATCATCTTGGCTGGAGGCCAGGTGGACAACCTGTCATCACTGACTTCTGAAAAGA
ACCCTCTGGATATTGATGCCTCGGGTGTGGTTGGACTGTCATTTAGTGGACCCGAATCC
AGAGTGCCACTGTGCTCCTCAACGAGGACGTGAGTGATGAGAAGACTGCTGAGGCTGCGA
TGACAGCGCTCAAAGCGCCAACATTCCAGAGCATAACACCATTGGCTTCATGTTTGCAT
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GAAAGTTTTTTCAGTGTTCCTTATTTCGGCTTCTTTGGAAATGGAGAAATGGATGTG
ATCGGATAGTCACTGGGAACTTTATATTGAGGAAATGTAATGAGGTAAAAGATGATGATC
TGTTTTCATAGCTATACAACAATAATGGCACTCATACTGCGGTCATCTAAATAATAAT
TAAAGTGGCTTTCATAATATGTAACCTTTGGGTCTGCCTTTTTCAGAAAATGAAAACCT
GGGCCATGTGATTTCAAACAAAAATAACTTTAGATATATCTTTTTGTAGCTTTGATTG
ATGCTCTAAGATCACATGAGGGTAGTATTTAATATATTAGATGAAGGACAACCTTTGGACA
TAACACTGACTAGGAGTTGAGAGCTTTTGCATCAGGCAGAGCAAACTGATTATAGTTGT
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AGAGCAAAAGGGTATTCATCAATAGGATATAGATTTAAGACATTCCTGACTACCCCTTG
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AGAAAAATATACTGATGGCTGGAGAAATTTTTCTGCTTTTCAGTTTTATGAATTTTTT
CAGAAAGTAACAATATTATTATTGACTTTTTACTTATTTGATAAAAATTAAGAACTATTT
TTGTTTTGGTCAGATAAATTGACAAGACTAATCAGTATTTTATTATAAGTAAAAGATTTT
TCTTCTTCTTAAAAATATTTTTTTTTCACCTAGGTCTAAATAGCTAACTAACTGGTAG
ACCAGAGTATTACATCATCTTATTTTGGTTTTATACCAATAAAACATAGCGTGGAACCTCA
TTCAGGTAATGTTTTGCATTTTCATTGCTTTTGGATGAACAAAGGAAGTAACTAATCCTT
TATAAATGAAAACCCAGAATAGTTGGTATGTCAGCTAGTCATTCTGTGTCATATCCCAGT
AGAATGATTTTCAAGTTTGAATTTCTGTACAAATATCTAAATAAGAGATGTGCAGAGAGC
ACCAATTTTCTTCAATATCCATTCTTTACTTTTACATAATGATAGAACCTTTGATTTT
TCAAGTGGGTATGCCTCCTAGAATAAAGACTACATTTCCCAAAAAAAAAAAAAAAAAAAAA
AAAAAAAAAAAAAAAAAAAAAAAAAAAA
    
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5' Read Nucleotide Sequence:	>OriGene 5' read for BC039024 unedited GAGGTTTTGATTTGTATACGACTCACTATAGGGCGGCCGCGATTANATCTGGTACCGGT CCGGAATCCCGGGATATCGTCGACCCACGCGTCCGAATCGGGTTCCTCCGAGCCGCCGT AGGACTGGTTCGCGGGGCTGGTGAGGAATGGAGCCGGTAGGCTGCTGCGGCGAGTGCCG CGGCTCCTCCGTAGACCCGCGGAGCACCTTCGTGTTGAGTAACCTGGCGGAGGTGGTGA GCGTGTGCTCACCTTCTGCCGCCAAGCGTTGCTGCGGGTGGCCTGAATGTTCCGCATC TTACCACATACAGTTCTTTACATGGCTGATTCAGAACTTTCATTAGTCTGGAAGAGTGT CGTGGCCATAAGAGAGCAAGGAAAAGAAGTATGGAACAGCACTTGCCCTTGAGAAG CTATTCGCCAAACAATGCCAAGTCTTGGGATTGTGACCCAGGAATTGTAGTACTCCA ATGGGATCAGGTAGCAATCGACCTCAGGAAATAGAAATTGGAGAATCTGGTTTTGCTTTA TTATTCCTCAAATTGAAGGAATAAAAATAACAACCTTTCATTTTATAAGGATCCAAAG AATTTAACATTAGAAAGACATCAACTCACTGAAGTAGGTCTTTTAGATAACCTGAACTT CGTGTGGTCTTGTCTTTGGTTATAATTGCTGNTAGGTGGGAGCCAGTAATTATCTGCAG CAAGTAGTCAGCACTTTCAGTGATATGAATATCATCTTGGCTGGGAGCCANNNGTGGACAC CTGTCATCACTGACTTCTGAAAAGACCCTCTGGATATTGATGCCNNTCGGTGTGGTTGGA CTGTCATTTAGTGACACCGATCCAGAGTGCCACTGTGCTNCTCACGN
Restriction Sites:	NotI-NotI
ACCN:	BC039024
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:	BC039024.1 , AAH39024.1
RefSeq Size:	2188 bp
Locus ID:	26263
Cytogenetics:	15q24.2
Protein Families:	Druggable Genome

Gene Summary:

This gene encodes a member of the F-box protein family which is characterized by an approximately 40 amino acid motif, the F-box. The F-box proteins constitute one of the four subunits of the ubiquitin protein ligase complex called SCFs (SKP1-cullin-F-box), which function in phosphorylation-dependent ubiquitination. The F-box proteins are divided into 3 classes: Fbws containing WD-40 domains, Fbls containing leucine-rich repeats, and Fbxs containing either different protein-protein interaction modules or no recognizable motifs. The protein encoded by this gene belongs to the Fbxs class and, as a transcriptional target of the tumor protein p53, is thought to be involved in degradation of specific proteins in response to p53 induction. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Dec 2010]