

Product datasheet for **SC125790**

FBXO46 (BC021978) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	FBXO46 (BC021978) Human Untagged Clone
Tag:	Tag Free
Symbol:	FBXO46
Synonyms:	20D7-FC4; F-box only protein 34-like; F-box protein 46; Fbx46; FBXO34L
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 BC021978 edited
 GGTGAGGACGTGGACCTGCTCTCTGTGGCCGAGATGGTGGCCCTGGTGGAAACAGCGGGCA
 GCCCTGGCCCTGCAGAGCTACCCACGACCGACCACCCAGCGCCTGTAGTCTTTGTGTCC
 GCCGAGCAAGGTGGACCGGCCAAGGGGGTGGGATCTGAACGGCGGTCCGGTGGTGGGGAC
 TGCAGCCGTGTAGCCGAGGCCGTGGCCACTTTGAAGCGCAGAGGGACAGCCCTCCCACC
 AAGGGCCTCCGCAAGGAAGAGCGGCCCGGGCCAGGCCCTGGGGAGGTGCGCATCGCCTTC
 CGCATCTCCAACGGCCGGGAGCCCGTGCACCAGACAGCGGCCCTGCCAGTGGGGCGGG
 GGCAGGCCTGGTTGTGCCCTACCCTGGCAGCCCAGGTCTGGGGCCGAGCCAAGGACAAG
 ATCACATGTGACTTATACCAGCTCATCAGCCCTCGCGGGATGCCCTCCCAGCAACGTG
 GAGTTCCTGCTGGCCAGGGCGGATGAGGCCAGTGAGGGTGACAGCCCGCACCCGCCAGG
 CCTGAGGACACTCCCCGGCGCCCCCTCCGCCCTGCCCGGACTGCGGAGCGTCAGGC
 TTCCACGTGGACGTGGTGGTACGGGGTGGTAGATGAGTGCATCTTCTTTGGCAAGGAC
 GGCACCAAGAACGTGAAGGAGGAGACTGTGTGCCTGACGGTCAGCCCGGAGGAACCGCCG
 CCTCCGGGCCAGCTCTTCTTCCAGAACCGCGGGCCGACGGGCCCGGAGCCACCC
 CCGGCCACTCCCGGCCACTGCGCCCGCCAGACGATGCCAGGGCACGGCGGACACC
 TCCTGTGCCGCTGTACCGGCAGTGTGACACGACTTCTAGAGATCCGCTTCAAGATT
 CAGCGGCTGCTGGAGCCCGACAGTACATGCTGCTGCTGCCCGAGCACGTGCTGGTCAAG
 ATCTTCAGCTTCTGCCACGCGCGCTGGCCGCCCTCAAGTGACCTGCCACCACTTC
 AAGGGCATCATCGAGGCGTTTGGCGTGGGGCCACAGACTCGCGCTGGAGCCGAGACCCG
 CTCTACCGCATGATCCGTGCAACAGTGCCGCAAGAGATACGAGAAGGGCGACGTGTGC
 CTCTGCCGCTGGACCCCAAGCCCTACCACCATGACCTGCCTTACGGACGTTCTACTGG
 AACTGGGTGCTGCCCTGCAATGGGCCAGGCGGGGCGGGCCGGCCGGGAGGAGGGGAGG
 TCAACCCGCGGGAGGGGAGGGGAGAGCCACCAGCCACCCCTCCCTCTCTCCCGGG
 AGCCGAGGGTCCGACTGGGCGCCTGCCATTCCCTACTCCAGGCAGCATTGATCCCT
 CACCGGAAGTGAAGTGGGGTTCAGCAGGGGTGACCCAGGAAAGCCCTCTGCTTGATCCTG
 TTGATTTTCTACTCTTCCAGAACAGGGCCGTGGACCTCTGAGAAGGGTGTTTTTTTTTT
 TTTTTTATCAGCATCTCACTTTCTTCTCCATTACGCCCAACCCCTCCCTGCCATGCTT
 TCCACCCCAAGGACCCACCAGCAGGGAGCAGACGGCAGCTAATTTTGGTACCACTAAGG
 GTCCCCCATTCTGGCCCCATCTCTCCCTACCCCAATTCTTCTCGTGGAGCTGTT
 ATTTCCCAAGAAGCCGCATCGCCAAGGTTGGCACCTCTCCTAACCTGCCACACGACAGC
 TCTCACCTCTCTAGGAATTGGGGCTGTACAGGTACAGGTGGGATCTGGCATTTTTTTAT
 GACAGTCCATTTCTAGATGGTTTGCCTATTAAGAAGTGGGGGGAAATACTGTTTTTCTC
 CTTAACCTCAAGTACCAGTCTCTCTCTCCCGTAGAGGAAGAGGGGGGCAGACAAAA
 AAAAAAAAAAAAAA

Restriction Sites: Please inquire

ACCN: BC021978

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: [BC021978.2](#), [AAH21978.1](#)

RefSeq Size: 1995 bp

Locus ID: 23403

Cytogenetics: 19q13.32

Protein Families: Druggable Genome

Gene Summary: Members of the F-box protein family, such as FBXO46, are characterized by an approximately 40-amino acid F-box motif. SCF complexes, formed by SKP1 (MIM 601434), cullin (see CUL1; MIM 603134), and F-box proteins, act as protein-ubiquitin ligases. F-box proteins interact with SKP1 through the F box, and they interact with ubiquitination targets through other protein interaction domains (Jin et al., 2004 [PubMed 15520277]).[supplied by OMIM, Mar 2008]