

Product datasheet for **SC321801**

FBXO28 (NM_015176) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	FBXO28 (NM_015176) Human Untagged Clone
Tag:	Tag Free
Symbol:	FBXO28
Synonyms:	CENP-30; Fbx28
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC (PS100020)
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF:

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>OriGene sequence for NM_015176.1
CAAGCCCCAAGATGGCGGCAGCGGCGGAGGAGCGGATGGCAGAGGAAGGAGGCGGCGGC
CAAGGGCAGCGCGGTTCTCTTTGGCCTCCGGCTCTACCCAGCGCAGCCTCCACCGCCC
GCGCCACAGCACCCGAGCCGGGTCCCAGGCGCTCCAGCCCCGCGCTGGCTCCGGAC
CAGCTGCCTCAAAACAACACGCTGTGGCGCTGCCATCGTAGCCATCGAGAACATCCTC
AGCTTTATGTCTACGACGAAATTAGCCAGCTCCGCTGGTTGTAAAAGAATGGACTTG
GTCTGCCAGAGAATGTTGAATCAGGGATTCTGAAAGTGGAGAGGTACCATAATCTATGT
CAGAAACAAGTTAAAGCACAACCTCCAAGGAGAGAGTCAGAAAGGAGAAACCATTCTTA
GCTCGTCATGCAGACATTCTTGCTGCTGTTGAAACAAGGCTGTCATTTAAATATGACT
TTCATGAAATATGTGGATTCCAATCTCTGTTGCTTCATCCCAGGAAAGGTGATTGATGAG
ATTTATCGTGTGTGAGATATGTCAATTCTACCAGAGCCCTCAACGAGCTCATGAAGTA
CTTCAAGAATTAAGGGATATATCCTCTATGGCAATGGAGTACTTTGATGAAAAGATTGTT
CCAATTTTAAAGAGGAAATTACCAGGATCAGATGTTTCTGGAAGACTCATGGGCTCTCT
CCAGTTCAGGACCGTCTGCAGCCCTAACACAATGCAGCTCTTCTCAAGCAAAATCCT
TCAAGACAAGAGGTTACCAAACCTCCAGCAGCAGGTTAAAACAAATGGTGTGGCGTGACT
GTTCTCAGGCGTGAATTTCTGAGCTTCGCACCAAAGTGAAGAACAGCAAAAACAGCTT
CAAGACCAGGACCAGAACTGCTAGAGCAGACCCAGATCATAGGTGAACAAAATGCACGG
TTGGCAGAGCTAGAACGCAAACTACGAGAAGTAATGGAAGTGTGTAGGAAATTCCTCA
GGTCCGGGCAGAAATGAGGAGTCTCTCGGAAACGAAAAAAGGCCACGGAAGCCATAGAC
TCTCTTAGGAAATCTAAACGCTCTCGGAATAGAAAAGTAAATGGAATGTGGTTCTAGTTC
CAGAGGAAGACACAGCTTAGTAGCTTAAGCAGTTATGCATATCAGGATACTGTGAGCAAC
ATGGTGTCCCTTAAAGCTTCTAGGCTTTCAGAACAACAATAAACTTGAACCTTATGGTT
GGGCAATCTTTTCTCTGCTTCTCTGATTGAACGATGCACAGAATCTTTTACTTTGCA
ATAGATTTGTAATAACCAGACGTTTCTATCATGTTTTGAGGAGTTAACTTTTTCTGTG
CAGATAATGTTGAAAGTAAGTTAATTTGTTTCTGCATATATGCACATACATACGTAAGGA
TCTTAAACCCAGTCTTGACAGACTAGAAGTTAAGTTAATACAGAAAATGCCTGTTTAC
TTGAAAGAAAAGACCTACTTTTTAAATGGACACTATCTTGGTTCTTTTTTTTTAAGTCA
TCTTTTTGTTATAAGTGACCTTTGTCTGGAATGTCTGAAAAGTAGTTAATGCTTTTTGGT
ATTGAAGTAATGGTAACATAAAATGGACTTCCATAGTATTGACTGTAGAAGGAGCCTCTA
CAATATTGACTATATATTTTTATAAACTACTGGCAAGGAACTTACCCAGCTGTTATACAT
GTTTTTCAGTTCTCTTTGGGGCCATGCTCTACATTTGCATGGATGGATGCATGCATTGCC
TAGTCAACTCACTTAAAAAGCTCTTGCACTGGTATTGATCTTGAACCTCTATACTTCTCC
ACTTTTTAGAGCGGCGTCTTAGTTTATTTAAACGCTTAACATCTTCCACCACAACAGCTT
GCCTCTAGAGGGGGAATTGTTTCCATTTGCTCTCCAGTTTTATAGGAACAAGAGACTA
TTAAAGCCATTGCTTTATCTGCTCTGTAGGGTTCAGGTACACTGGCTAAGGCAGAACCC
CAAATTTCAAGGCTCTTTCTATCAATATTGGACCTCTGGGAGCTAATACTCCTCTTTGCT
CACCACCATGTGATCATTGATCAGATGTGGTGAGTGAGTGGGGACTCGACTTCCGGGAT
GCAGTTTTGCCATTGCAGCAAAGTTCATTGAGGAAAATGTACCATGAAAAGCATTTTG
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CCTTACCCTACAACCTTTAAACAAAAGCTTTAATTTTGTGCACTCCTATTTTGAGCTTG
TAACTGGAAGAAAGCATGTCTTGCACTGTTCAACCTCCTGAGTGGTGCCTTTAAACAACCTCC
AAATTGTGTACAGTGGTTATTTCCCGAGTTGTATAGTTTTGAGACATTCAATTACACT
GTCTTAGTTGATTTTAAATTTACTAAAATATGTAGCTATTTGACTGTTAAGTTCTTTTAA
ACAACGTTTTCTTGGGCTTCAGTTATTTAAAGTAAATTTAGGTGTAATATAGAAAAGTGC
TCCCTTTCCAGGTGGGAGCTTAACACCTGTATAAAACCTAAGGTTTTAGTAAGTACCTTA
GTTGAATAAAAAGCACAAGGTTATCACCTTTTTTATCCGTCACCGTGACATGGTTATGCA
TCCTTTAGATTAACCTCACCAAATGAAGCTTTTTCTATCCATTTTAAATATTGCTCTTAC
ATAATATTGCTCTTAGATTTTGATCAATTTCTATGTCTGACTTTGAAATTCATTTACAAT
GTAGTATGTTTTCAATGAAAACCAATAAAGTAACATCCAAGTGTTTCATGGTTTGTGGG
AAGGTAATTTTAAATAAAACAATTTCCAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA
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Restriction Sites:

Please inquire

ACCN:	NM_015176
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:	<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:	<u>NM_015176.1</u> , <u>NP_055991.1</u>
RefSeq Size:	2923 bp
RefSeq ORF:	1107 bp
Locus ID:	23219
UniProt ID:	<u>Q9NVF7</u>
Cytogenetics:	1q42.11
Domains:	F-box
Protein Families:	Druggable Genome
Gene Summary:	<p>Members of the F-box protein family, such as FBXO28, 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]</p> <p>Transcript Variant: This variant (1) represents the longest transcript and encodes the longer isoform (a). Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.</p>