

Product datasheet for **SC325563**

FBXO28 (NM_001136115) Human Untagged Clone

Product data:

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| Product Type: | Expression Plasmids |
| Product Name: | FBXO28 (NM_001136115) Human Untagged Clone |
| Tag: | Tag Free |
| Symbol: | FBXO28 |
| Synonyms: | CENP-30; Fbx28 |
| Vector: | <u>pCMV6 series</u> |
| Fully Sequenced ORF: | >NCBI ORF sequence for NM_001136115, the custom clone sequence may differ by one or more nucleotides ATGGCGGCAGCGGCGGAGGAGCGGATGGCAGAGGAAGGAGGCGGCGGCCAAGCGCAGGGC GGTTCCTCTTTGGCCTCCGGCTCTACCCAGCGACAGCCTCCACCGCCCGCCACAGCAC CCGCAGCCGGGGTCCCAGGCGCTCCCAGCCCCGCGCTGGCTCCGGACCAGCTGCCTCAA AACAAACACGCTTGTGGCGCTGCCATCGTAGCCATCGAGAACATCCTCAGCTTTATGTCC TACGACGAAATTAGCCAGCTCCGCCTGGTTTGAAAAGAATGGACTTGGTCTGCCAGAGA ATGTTGAATCAGGGATTCTGAAAGTGGAGAGGTACCATAATCTATGTCAGAAACAAGTT AAAGCACAACCTCCAAGGAGAGAGTCAGAAAGGAGAAACCATTATTAGCTCGTCATGCA GACATTCTTGCTGCTGTTGAAACAAGGCTGCTACTATTAATATGACTTTTCATGAAATAT GTGGATTCCAATCTCTGTGCTTCATCCCAGGAAAGTTCCAGGACCGTCTGCAGCCC |
| Restriction Sites: | Please inquire |
| ACCN: | NM_001136115 |
| Insert Size: | 5263 bp |
| 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). |



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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: [NM_001136115.1](#), [NP_001129587.1](#)

RefSeq Size: 5263 bp

RefSeq ORF: 540 bp

Locus ID: 23219

UniProt ID: [Q9NVF7](#)

Cytogenetics: 1q42.11

Protein Families: Druggable Genome

Gene Summary: 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]
Transcript Variant: This variant (2) lacks an exon in the 3' coding region, which results in a frameshift, compared to variant 1. The encoded isoform (b) is shorter and has a distinct C-terminus, compared to 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.