

Product datasheet for **SC337020**

FBXL4 (NM_001278716) Human Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: FBXL4 (NM_001278716) Human Untagged Clone
Tag: Tag Free
Symbol: FBXL4
Synonyms: FBL4; FBL5; MTDPS13
Vector: pCMV6-Entry (PS100001)
Fully Sequenced ORF: >SC337020 representing NM_001278716.
 Blue=Insert sequence Red=Cloning site Green=Tag(s)

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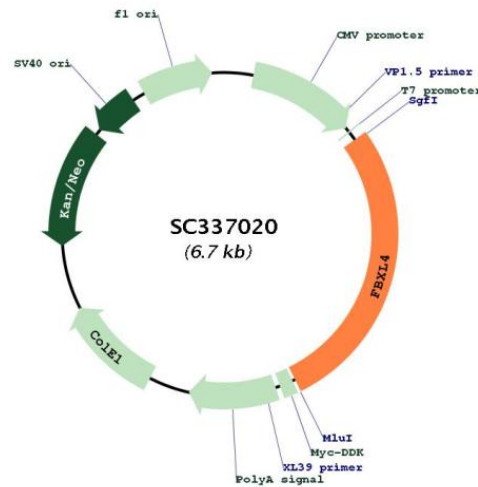
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TGA
  
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Restriction Sites: SgfI-MluI

Plasmid Map:



ACCN: NM_001278716

Insert Size: 1866 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).

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: [NM_001278716.1](#)

RefSeq Size: 2928 bp

RefSeq ORF: 1866 bp

Locus ID: 26235

UniProt ID: [Q9UKA2](#)

Cytogenetics: 6q16.1-q16.2

Protein Families: Druggable Genome

MW: 70.1 kDa

Gene Summary: This gene encodes a member of the F-box protein family, which are characterized by an approximately 40 amino acid motif, the F-box. F-box proteins constitute one subunit of modular E3 ubiquitin ligase complexes, called SCF complexes, which function in phosphorylation-dependent ubiquitination. The F-box domain mediates protein-protein interactions and binds directly to S-phase kinase-associated protein 1. In addition to an F-box domain, the encoded protein contains at least 9 tandem leucine-rich repeats. The ubiquitin ligase complex containing the encoded protein may function in cell-cycle control by regulating levels of lysine-specific demethylase 4A. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jul 2013]

Transcript Variant: This variant (2) differs in the 5' UTR compared to variant 1. Both variants 1 and 2 encode the same protein. 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.