

Product datasheet for SC321782

FKBP11 (NM_016594) Human Untagged Clone

Product data:

Product Type: Expression Plasmids

Tag: Tag Free

Symbol: FKBP11

Synonyms: FKBP19

Mammalian Cell Neomycin

Selection:

Vector: pCMV6-AC (PS100020)

E. coli Selection: Ampicillin (100 ug/mL)

Fully Sequenced ORF: >OriGene sequence for NM_016594.1 GAACGCTGTCCTAGCTGCCGCAACAGCCTGTCCTGGTGCCCCGGCTCCCTGCCC

AAAAAAAAAAA

Restriction Sites: Please inquire

ACCN: NM_016594

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).



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FKBP11 (NM_016594) Human Untagged Clone | SC321782

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: 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.

Note: Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um

filter is required.

RefSeq: <u>NM_016594.1, NP_057678.1</u>

RefSeq Size: 727 bp

RefSeq ORF: 606 bp

Locus ID: 51303

UniProt ID: Q9NYL4

Cytogenetics: 12q13.12

Domains: FKBP

Protein Families: Druggable Genome, Transmembrane

Gene Summary: FKBP11 belongs to the FKBP family of peptidyl-prolyl cis/trans isomerases, which catalyze the

folding of proline-containing polypeptides. The peptidyl-prolyl isomerase activity of FKBP proteins is inhibited by the immunosuppressant compounds FK506 and rapamycin (Rulten et

al., 2006 [PubMed 16596453]).[supplied by OMIM, Mar 2008]

Transcript Variant: This variant (1) encodes the longest isoform (1).