

Product datasheet for **SC126030**

FKBP6 (NM_003602) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	FKBP6 (NM_003602) Human Untagged Clone
Tag:	Tag Free
Symbol:	FKBP6
Synonyms:	FKBP36
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 NM_003602 edited
 GTCACAGCCAGGGAGGGCAGCGGGCGCACCCAGGCCGAAGGCTCACGCCACAGGGAGGGC
 AGCTAGGACATGGGGGAAGCGGTTAAACCAGGGAGTCTGGAAGGGGACGACGCCCC
 GGCCAGTCCCTGTACGAGCGGTTAAGTCAGAGGATGCTGGACATCTCGGGGACCGGGC
 GTGCTGAAGGACGTCATCCGAGAAGGAGCTGGAGACCTAGTGGCGCTGATGCTTCGGT
 CTAGTAAATACTCGGGATACCTGGAACACATGGACAGACCCTTCGATTCTAATTACTTT
 AGGAAAATCCTCGGCTAATGAACTTGGAGAGGATATTACACTGTGGGCATGGAGCTG
 GGCTTCTGAGCATGCGGAGAGGAGAGCTGGCCAGGTTTCTGTTCAAACCGAACTACGCC
 TATGGAACGCTGGGCTGCCCTCCCTTGATCCCCCAAACACCACTGTCCTGTTTGAAGATT
 GAGCTGCTTACTTCTGGACTGTGCTGAGTCAGACAAGTTTTGTCTCTCAGCTGAG
 CAGCAAGACCAATTTCCACTTCAGAAGTCTGAAAGTGGCAGCTACGGAACGGGAGTTT
 GGCAACTACCTTTCCGCCAGAATCGTTTCTATGATGCCAAAGTGAATATAAAGGGCC
 CTGTTGCTTCTGCGCCGGCGATCAGCACCCCTGAAGAGCAGCACCTGGTGGAGGCCGCC
 AAGCTTCTGTTCTCCTGAACCTGTCCTTACATACCTGAAGCTAGACCGACCCACCATA
 GCCCTGTGCTATGGAGAGCAGGCTTTGATCATTGACAAAAGAATGCCAAGGCCCTTTC
 AGGTGTGGACAGGCTTGTCTTCTCTGACTGAGTATCAAAGGCCCGGGATTTTCTAGTT
 CGAGCCCAGAAGGAGCAACCTTCAATCATGACATCAATAATGAGCTGAAGAACTGGCT
 AGCTGTTACAGGGACTATGTGGATAAAGAGAAAGAAATGTGGCACCGCATGTTCCGCCCC
 TGTGGCGATGGTCTACAGCAGGAGAAAGTTGAAGGTTTCCACTACCAACGAGGGGAG
 AGAGCTGTGGTCTCCATCATTGGGGGAGTGAAGGGAGCTCCAGCGCAGCCGTGGCAG
 CCACCTTCCAGGAGCAGGGGCTGGAATGTCCTGTGGCCGATCTCTCATGGACCGGGCTG
 AAACGTGTTTTACAGGTGCTGTTTTCTGTTTTCCGTGTTTCGTAACAGAAGGGAGGGGAA
 AGCGCAGCTACTGACAAGTAGAACACTGCTACTTTTTTTAAGGCAGTTTCTGTTTTTT
 AGACGGAATTAGTCCTTGGCTTCCCTCCAGTCCAGCCCTGCTCCGGCTGCGAATGTC
 CCTGAGTCAACCAATAGAGATTGCTTTGTGATTTTTGTAGGGTCTCTGTTTTGAAGA
 CAGAATTATGTTACAAATGTTTTGTTGTAATAAATAAAACACTTCTTGTCTTGCAA
 AA
 AAAAAA

5' Read Nucleotide Sequence: >OriGene 5' read for NM_003602 unedited
 TTTTCGATTTTGTAAACGACTTACTATAGGGCGAGCCGGAATTCGATCTGGTACCGGTC
 CGGAATCCCAGGATGTCACAGCCAGGGAGGGCAGCGGGCGCACCCAGGCCGAAGGCTCA
 CGCCACAGGGAGGGCAGCTAGGACATGGGGGAAGCGGTTAAACCAGGGAGTCTGGA
 GGGGACGACGCCCCCGCCAGTCCCTGTACGAGCGGTTAAGTCAGAGGATGCTGGACATC
 TCGGGGACCGGGGCGTCTGAAGGACGTCATCCGAGAAGGAGCTGGAGACCTAGTGGCG
 CCTGATGCTTCGGTGTAGTAAATACTCGGATACTGGAACACATGGACAGACCCTTC
 GATTCTAATTACTTTAGGAAAACCTCCTCGGCTAATGAACTTGGAGAGGATATTACACTG
 TGGGCATGGAGCTGGGCTTCTGAGCATGCGGAGAGGAGAGCTGGCCAGGTTTCTGTT
 AAACCGAACTACGCCTATGGAACGCTGGGCTGCCCTCCCTTGATCCCCCAAACACCACT
 GTCCTGTTTGAAGATTGAGCTGCTTACTTCTGGACTGTGCTGAGTCAGACAAGTTTTGT
 GCTCTCTCAGCTGAGCAGCAAGACCAATTTCCACTTCAGAAGTCTGANAGTGGCAGCT
 ACGGAACGGGAGTTTGGCACTACCTTTCCGCCAGAATCGTTTCTATGATGCCAAAGT
 AGATAAAGGGCCCTGTTGCTTCTGCGCCGGCGATCAGCACCCCTGAAGAGCAGCAC
 CTGGTGGNAGCCGNCAAGCTTCTGGTCTCCTGAACCTGTCCTTACATACCTGAAGCT
 AGACCGACCCACCATAGCCCTGTGCTATGGAGAGCAGGCTGGATCATTGACCAAAGAAT
 GCCNAGGCCCTTTCAGTGTGGACAGGCTGTGCTTTCCTGACTGA

Restriction Sites: NotI-NotI
ACCN: NM_003602

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:	<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:	NM_003602.2 , NP_003593.2
RefSeq Size:	1546 bp
RefSeq ORF:	984 bp
Locus ID:	8468
UniProt ID:	O75344
Cytogenetics:	7q11.23
Gene Summary:	<p>The protein encoded by this gene is a cis-trans peptidyl-prolyl isomerase that may function in immunoregulation and basic cellular processes involving protein folding and trafficking. This gene is located in a chromosomal region that is deleted in Williams-Beuren syndrome. Defects in this gene may cause male infertility. There are multiple pseudogenes for this gene located nearby on chromosome 7. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jul 2013]</p> <p>Transcript Variant: This variant (1) represents the longest transcript and encodes the longest isoform (a).</p>