

## Product datasheet for **SC110460**

### FKBP7 (NM\_016105) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	FKBP7 (NM_016105) Human Untagged Clone
Tag:	Tag Free
Symbol:	FKBP7
Synonyms:	FK506 binding protein 7; FK506-binding protein 7; FK506-binding protein 23; FKBP23; FKBP23, PPIase, MGC9420; MGC9420; peptidyl-prolyl cis-trans isomerase; PPIase; rotamase
Mammalian Cell Selection:	None
Vector:	<u><a href="#">pCMV6-XL6</a></u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>NCBI ORF sequence for NM_016105, the custom clone sequence may differ by one or more nucleotides

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ATGCCAAAACCATGCATTTCTTATTCAGATTCATTGTTTTCTTTATCTGTGGGCCTTTTACTGCTC
AGAGACAAAAGAAAGAGGAGAGCACCGAAGAAGTGAAAATAGAAGTTTTGCATCGTCCAGAAAACCTGCTC
TAAGACAAGCAAGAAGGGAGACCTACTAAATGCCATTATGACGGCTACCTGGCTAAAGACGGCTCGAAA
TTCTACTGCAGCCGGACACAAAATGAAGGCCACCCCAAATGGTTTGTTCTTGGTGTGGGCAAGTCATAA
AAGGCCTAGACATTGCTATGACAGATATGTGCCCTGGAGAAAAGCGAAAAGTAGTTATACCCCTTCATT
TGCATACGGAAAGGAAGGCTATGGTAGTCTTGAAGAAGTCTTTCTTCTGCAAAATATCCTTGTCTCATGT
CACAGAACAACCCTGCATGTCTTGAATGCATGTACTTGTAGTGCTTAATAACAATACATGCGCAGAAG
GCAAGATTCACCGGATGCTACATTGATTTTTGAGATTGAACTTTATGCTGTGACCAAAGGACCACGGAG
CATTGAGACATTTAAACAATAGACATGGACAATGACAGGCAGCTCTCTAAAGCCGAGATAAACCTCTAC
TTGCAAAGGGAATTTGAAAAGATGAGAAGCCACGTGACAAGTCATATCAGGATGCAGTTTTAGAAGATA
TTTTTAAGAAGAATGACCATGATGGTGATGGCTTCATTTCTCCAAGGAATACAATGTATACCAACACGA
TGAATATAG
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<b>5' Read Nucleotide Sequence:</b>	<p>&gt;OriGene 5' read for NM_016105 unedited</p> <pre>GTCATTACCCGCCCGTTGCCGCTTTGGGCGGTAGGCGTGTACGGTGGGAGGTCTATATA AGCAGAGCTCATTTAGGTGACACTATAGAATACAAGCTACTTGTCTTTTTGCAGCGGCC GCGAATTCGGCACGAGGCGGCCGCGGGACATCCACGGGGCGCGAGTGACACGCGGGAGGG AGAGCAGTGTCTGTGGAGCCGATGCCAAAAACCATGCATTTCTTATTCAGATTCATTG TTTTCTTTTATCTGTGGGGCCTTTTTACTGCTCAGAGACAAAAAGAAAGAGAGAGCACCCG AAGAAGTGAAAAAGAAAGTTTTGCATCGTCCAGAAAACCTGCTCTAAGACAAGCAAGAAGG GAGACCTACTAAATGCCATTATGACGGCTACCTGGCTAAAGACGGCTCGAAATTTACT GCAGCCGGACACAAAATGAAGGCCACCCCAAATGGTTTGTCTTGTCTGTTGGGCAAGTCA TAAAAGGCCTAGACATTGCTATGACAGATATGTGCCCTGGAGAAAAGCGAAAAGTAGTTA TACCCCTTCATTTGCATACGGAAGGAAGGCTATGATAAACCTCTACTTGCAAAGGGAA TTTGAAAAAGATGAGAAGCCACGTGACAAGTCATATCAGGATGCAGTTTTAGAAGATATT TTTAAGAAGAATGACCATGATGGTGATGGCTTCATTTTCTCCAAGGATACAATGTGTAC CCACCCGATGAACTATAGCATATTTGGATTTCTACTTTTTTTTTTTTAGCTATTTACTGGA CTTTATGGATAAAACACAGTCCCTTTTCTCCAGATGTATTTGCTATTTTTTCCCTATGA GAAAGAATTTTTGACTCCCCCACACCATTGATTTTGGATTATAAAAAGTGAGGGTGGTTTG GCAACTTTACTTTGCGGAA</pre>
<b>3' Read Nucleotide Sequence:</b>	<p>&gt;OriGene 3' read for NM_016105 unedited</p> <pre>NGGGGTCACTATGTNACCGCGCCGCATNCTAGNGATCGATTTTTTTTTTTTTTTTTTTT TATGTAGAATGATTATAAATTTATTTTTAATTATGTAAATACAAGTTTTAGAATGAATCA TCTTCCTATTCATGTGGCATTATCTGTCATTTTTAAAAACAAGTTTAAAAGCACTTTGT ATGATAATGGGACAAAAAATTAGAATTACAAAGTTTAGATTATAGGGTGACTTCTTAAT ATGGATACAAAAAATTGAGACAGTTCCAAACCAAAATAAAGAATATTGAGTTACTTAGT TACTTCAACGGAGCAGGTTTTTTTTGAGGGAAGGCGATGAAAGAGTAAATGATTAAGCAT GTGAAAAAGTATTAGAAAATTGAGCATAGAAAATGAAGAAATATTGGGAGGAAGGAAAAAGA TAGTACAGATTCTTGGTTTATAAGGGGTCAAATTATGTGCTAGCCCTATGGATTAATTAC TAAACTCATGGGTGTGGTACCCCTATGGATACTTTTGGGTGTGGTTGGAGGGCCCCACCT GAAAACCCCTTTTTTTTTAAAAGAAATTTGAATGTGTAAAAAAATTTAAGGGTGAACCA TGGGTTGGAAAAAGCCAATTTTCATAAAGGTGCAAAAACCTTTTCTGTGTGGAACTCAA TTATTTTGAAAAAGCCATTTTCTGGCTGACCCAAACTCTCCTATTTATGCGCGGTGGGGT ACCCCTTTTTCCCTCGTTTTAAAACGTCCCAACCCGTGGTAATTTGCTAAGGGAAAA AGTTAAAATGCTTTTTAGGTCCCCCATGGTTGGGGAGGGCGCATGGAGACTTTCTCTCTC GTGGGGAGAGGGGAAAAATGGATTCTCTTCCCCCGGGCGGGGGGG</pre>
<b>Restriction Sites:</b>	NotI-NotI
<b>ACCN:</b>	NM_016105
<b>Insert Size:</b>	2750 bp
<b>OTI Disclaimer:</b>	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).
<b>Components:</b>	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).

<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<u><a href="#">NM_016105.2</a></u> , <u><a href="#">NP_057189.1</a></u>
<b>RefSeq Size:</b>	1352 bp
<b>RefSeq ORF:</b>	780 bp
<b>Locus ID:</b>	51661
<b>Cytogenetics:</b>	2q31.2
<b>Domains:</b>	FKBP, EFh
<b>Protein Families:</b>	Druggable Genome, Transmembrane
<b>Gene Summary:</b>	<p>The protein encoded by this gene belongs to the FKBP-type peptidyl-prolyl cis/trans isomerase (PPIase) family. Members of this family exhibit PPIase activity and function as molecular chaperones. A similar protein in mouse is located in the endoplasmic reticulum and binds calcium. [provided by RefSeq, Jul 2008]</p> <p>Transcript Variant: This variant (1) encodes the longer isoform (1).</p>