

Product datasheet for **SC322353**

FKBP7 (NM_181342) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	FKBP7 (NM_181342) Human Untagged Clone
Tag:	Tag Free
Symbol:	FKBP7
Synonyms:	FKBP23; PPlase
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC (PS100020)
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene sequence for SC322353 CACGGGGCGGAGTGACACGCGGGAGGGAGAGCAGTGTTCTGCTGGAGCCGATGCCAAAA ACCATGCATTTCTTATTTCAGATTCATTGTTTTCTTTTATCTGTGGGCCCTTTTACTGCT CAGAGACAAAAGAAAGAGGAGAGCACCGAAGAAGTGAAAATAGAAGTTTTGCATCGTCCA GAAAACCTGCTCTAAGACAAGCAAGAAGGGAGACCTACTAAATGCCCATTATGACGGCTAC CTGGCTAAAGACGGCTCGAAATTCTACTGCAGCCGGACACAAAATGAAGGCCACCCCAA TGGTTTGTCTTGGTGTGGCAAGTCATAAAAGGCCTAGACATTGCTATGACAGATATG TGCCCTGGAGAAAAGCGAAAAGTAGTTATACCCCTTCATTTGCATACGGAAAGGAAGGC TATGCAGAAGGCAAGATTCCACCGGATGCTACATTGATTTTTGAGATTGAACTTTATGCT GTGACCAAAGGACCACGGAGCATTGAGACATTTAAACAAATAGACATGGACAATGACAGG CAGCTCTCTAAAGCCGAGATAAACCTCTACTTGCAAAGGGAATTTGAAAAGATGAGAAG CCACGTGACAAGTCATATCAGGATGCAGTTTTAGAAAGATATTTTAAGAAGATGACCAT GATGGTGATGGCTTCATTTCTCCCAAGGAATACAATGTATACCAACACGATGAACTATAG CATATTTGATTTCTACTTTTTTTTTTAGCTATTTACTGTACTTTATGTATAAAACAAA GTCACTTTTCTCCAAGTTGTATTTGCTATTTTTCCCTATGAGAAGATATTTTGATCTCC CCAATACATTGATTTTGGTATAATAAATGTGAGGCTGTTTTGCAAACCTAAAAAAAAAAAA AAAAAAAAAAAA
Restriction Sites:	Please inquire
ACCN:	NM_181342
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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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:	<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_181342.1 , NP_851939.1
RefSeq Size:	1241 bp
RefSeq ORF:	669 bp
Locus ID:	51661
UniProt ID:	Q9Y680
Cytogenetics:	2q31.2
Protein Families:	Druggable Genome, Transmembrane
Gene Summary:	<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) represents the longer transcript and encodes the longer isoform (a).</p>