

Product datasheet for SC123680

FKBP14 (BC010432) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	FKBP14 (BC010432) Human Untagged Clone
Tag:	Tag Free
Symbol:	FKBP14
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene sequence for BC010432 edited

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AGAGAGAGAACTAGTCTCGAGTTTTTTTTTTTTTTTTTTTTTTTTTTGGGACGGAGTCTTACTGTGT
CACCCAGGCTGGAGTGCAGTGGCACAGTCTCGGCTCACTGCAACCTCAGCCTCCCGGTT
CAAGCAATTCTCCTGTCTCAGTCTCCCGAGCAGCTGGGATTACAGGTGCCCGCCACAATG
CCCAGCTAATTTTCTGTATTTTGTAGTTGAGACAGGGTTTACCACGTTGGCCAGGCTGGT
CTTGAACCTCTGACCTCAGGTGATCTGTCCCACTCTGCTCTGCTTTTCTAAGTCATTGT
CTTCTCACCGAAAGTGTCTGTCAATTTCTGTGTTTCACTGTGGCAATAATGCCTCTGATA
TGTACAGGGTTGGCGCTCTGTTACCCGATTGCTTTCCAGCTGTGTCTGGTCCCATTTCAT
GCTGCCTCCAGCAACGGATAAGTATACGGCAGCACCTCCTATTTGAGTGCAAAATGTCCG
GTTGTAATAGAGGTAGATGATTTTGGTGTGGTCCCGTGGTTCATTGTCTGTTTGTGTCT
GGTAACATGTCTCCGAGCTCGGCCGTCACAAAATGTCTGCAGCTACGATGGACCCTCAG
CTGCTGGACAGGAAAGAGGATCAAGCTAAGAAGGCCAGAGTGTGCAAGCAGAGAGAGGG
TGTGGACAGAAAACCTTGCTTCTCCAGGGCTAGTGGCGAAAGCTATCTCAGGCTGGCTC
AAGTGGAGAGAAAAAGCATGAGATCAAGCAATGGACAGCTGGGGAAGGGCTGGCTTTTA
TTTCCTCAGTCCCAAGCTCAGTCCCTGGCACTGGGCCGTTGCCTTTGTAGGTCCCTCTG
TGCCCAAGTCTTGCTATGGGGTGTGTTTCTTGGCATTAAAGTCTCAGTTCAAACGCCACC
GTCTCAAAGAAGCCCTCACTGGTACCCTATCTAAAGTAAACCCTCACTCCTAAGGACAAA
CCTGTTTTTTCTCCTAGCATAGACCACTCTGAAATCACCTTGTCTCCAGTCATCT
GCTGCCCTTGGCTGTTGGCCAGCTATAACATGGCACTCTGCCTTGGCCACTGCTTTGTC
CCCAGGACCCAGCCCTGTACCCAGGGTATGGTAGGTATAAGAGGCCTGGAGGCCACTATG
GAAGAGCTCCTGCCAGATGGTGGTGGAGTGCAGTGCATGAGGACCTCGGCCTCCAGTGTC
CCCTCCACTCTTTCCAGCCCTGTGGTCTTGGGAAAGTCATTTAACTCTGCTAAGCCTCA
GTTTCTGCATCTGTAAAGTGGGAAGAAATCCTCTCCACCTTAAGCCTTGCTATGAGGATTA
ATGAGATGCGTGTACAGAGTTTGTACACGGCCTGCCACATTGTGAGTGTCAATAAATG
TTGGCCGTTCTCTTCAATATCGTCAGCAGCTAACTTCAGGAACGAGATCCCCTAGGGCAG
AATCTAAGGAGAACTTTCTATATCAAATGTATCTTGTATTGTGGTACTGAATTGTTT
AACTGGTCTGAATGATATAACTGGAATGAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA
AAAAAAAAA

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5' Read Nucleotide Sequence:	>OriGene 5' read for BC010432 unedited NAGTTAGATTTGTATACGACTTATATAGGGCGGCCGGAATTCGCACGAGGAGAGAGAGA ACTAGTCTCGAGTTTTTTTTTTTTTTTTTTTTTTGGGACGGAGTCTTACTGTGTCACCCAGGC TGGAGTGCAGTGGCACAGTCTCGGCTCACTGCAACCTCAGCCTCCCGGGTTCAAGCAATT CTCCTGTCTCAGTCTCCGAGCAGCTGGGATTACAGGTGCCCGCCACAATGCCAGCTAA TTTTCTGTATTTTTAGTTGAGACAGGGTTTACCACGTTGGCCAGGCTGGTCTTGAACTC CTGACCTCAGGTGATCTGTCCCACTCTGCTCTGCTTTTCTAAGTCATTGTCTTTCACC GAAAGTGTCTGTATTTCTGTGTTTCACTGTGGCAATAATGCCTCTGATATGTACAGGG TTGGCGCTCTGTTACCCGATTGCTTCCAGCTGTGTCTGGTTCCATTTCATGCTGCTCC AGCAACGGATAAGTATACGGCAGCACCTCCTTATTTGAGTGCAAATGTCCGGTTGTAATA GAGGTAGATGATTCTTGGTGTGGTGCCGTGGTCATTGTCGTTTTGTGCATGGTAACATG TCATCCGACGTCNGCCGTCCACAATGTCTGCAGCTACGATGGACCTCAGCTGCTGGAC AGGAAAGAGGATCAAGCTAAGAAAGCCAGAGTGTGCAAGCAGAGAGAGGGTGTGGACAG AAAACCTTGCCTTCTCCAGGCTAGTGGCGAAAGCTATCTCAGGCTGGCTCAAGTGGAGA GAAAAAAGCTGAGATCAGCAATGGACAGCTGGGAAAGGCTGGCTTTTATTTCTCAGCT CCCAAGCTCAGTCCCTGGCACTGGCCCGTGCCTTTGTAAGTCCCTCTGTGCCAGGTCTT GCTTGGGGTTTGNNTCTTGGCATT
Restriction Sites:	Please inquire
ACCN:	BC010432
Insert Size:	1569 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:	<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:	BC010432.1 , AAH10432.1
RefSeq Size:	1569 bp
Locus ID:	55033
Cytogenetics:	7p14.3
Protein Families:	Druggable Genome

Gene Summary:

The protein encoded by this gene is a member of the FK506-binding protein family of peptidyl-prolyl cis-trans isomerases. The encoded protein is found in the lumen of the endoplasmic reticulum, where it is thought to accelerate protein folding. Defects in this gene are a cause of a type of Ehlers-Danlos syndrome (EDS). Both a protein-coding variant and noncoding variants are transcribed from this gene. [provided by RefSeq, Mar 2012]