

Product datasheet for SC111215

FKBP38 (FKBP8) (NM_012181) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	FKBP38 (FKBP8) (NM_012181) Human Untagged Clone
Tag:	Tag Free
Symbol:	FKBP38
Synonyms:	FKBP38; FKBP38
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF within SC111215 sequence for NM_012181 edited (data generated by NextGen Sequencing)

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ATGGCATCGTGTGCTGAACCCTCTGAGCCCTCTGCCCCACTGCCCGCGGGTCCCACCG
CTCGAGGACTTCGAGGACTGGATGGGGTTGAGGATGCAGAGGGTGAAGGAGGAAGAGGAG
GAGGAAGAGGAGGAAGAGGATGACCTGAGTGAGCTGCCACCGCTGGAGGACATGGGACAA
CCCCCGCGGAGGAGGCTGAGCAGCCTGGGGCCCTGGCCCGAGAGTTCCTTGCTGCCATG
GAGCCCGAGCCCGCCAGCCCGGCCAGAGAGTGGCTGGACATTCTGGGGAACGGG
CTGTTGAGGAAGAAGACGCTGGTCCCAGGGCCCGCAGGTTGAGCCCGCCGGTCAAGGGC
CAGGTGGTACCCTACATCTGCAGACGTCGCTGGAGAATGGCACACGGGTGCAGGAGGAG
CCGGAGCTGGTGTCACTCTGGGTGACTGTGACGTCATCCAGGCCCTGGATCTCAGTGTC
CCTCATGGACGTGGGGGAGACGGCCATGGTCACTGCTGACTCCAAGTACTGCTACGGC
CCCAAGGCAGCAGGAGCCATACATCCCCCGCACGCGGCCCTGTGCCTGGAGGTGACC
CTGAAGACGGCTGTGGACGGCCCTGACCTGGAGATGCTCACGGGGCAGGAGCGCGTGGCC
CTGGCCAACCGGAAGCGGGAGTGCGGCAACGCCCACTACCAGCGGGCGGACTTCGTCTCTG
GCCGCAACTCCTACGACCTCGCCATCAAGGCTATCACCTCCAGCGCCAAAGTGGACATG
ACGTTGAGGAGGAGGCACAGCTCCTGCAGTTGAAGGTGAAGTGTCTGAACAACCTGGCG
GCCTCGCAGCTGAAGCTCGACCACTACCAGCGCAGCCCTGCGCTCCTGCAGCCTTGTGCTG
GAGCACCAGCCAGACAACATCAAGGCTCTTTCCGCAAGGGCAAGGTGCTGGCCAGCAG
GGGGAGTACAGTGAGGCCATCCCCATCCTGAGGGCAGCCCTGAAGCTGGAACCTTCCAAC
AAGACGATCCACGACAGACTCTCAAAGCTGGTGAAGAAGCATGCGGCGCAGCGGAGCAGC
GAGACCGCCTTGTACCGAAAATGCTGGGCAACCCAGCCGGCTGCCTGCTAAGTGCCCT
GGCAAGGGTGCCTGGTCCATCCCATGGAAGTGGCTGTTTGGGGCGACTGCTGTTGCCTTG
GGGGGTGTGGCACTCTCTGTGGTCATCGCTGCCAGGAAGTGA
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Clone variation with respect to NM_012181.3



[View online »](#)

5' Read Nucleotide Sequence:

>OriGene 5' read for NM_012181 unedited
 TTGTAACACGACTTACTATAGGGCGGCCGGAATTCGGCACGAGGCGAGGCGGGCGGCC
 GCGGCTGGGGGCGGGGAGGGGGGCGCAGGACCCCAAGTGGGGTCCCAGGACAGAGGGC
 CAATTCCTGTCCCCCAGCAGCATGGCATCGTGTGCTGAACCTCTGAGCCCTCTGCCCC
 ACTGCCCGCCGGGTCCCACCGCTCGAGGACTTCGAGGTACTGGATGGGGTTGAGGATGC
 AGAGGGTGAGGAGGAAGAGGAGGAGGAAGAGGAGGAAGAGGATGACCTGAGTGAGCTGCC
 ACCGCTGGAGGACATGGGACAACCCCGCGGAGGAGGCTGAGCAGCCTGGGGCCCTGGC
 CCGAGAGTTCCTTGCTGCCATGGAGCCCGAGCCGCCAGCCCGGCCAGAAAGAGTG
 GCTGGACATTCTGGGAACGGGCTGTTGAGGAAGAAGACGCTGGTCCCAGGGCCGCCAGG
 TTCAGCCGCCCGTCAAGGGCCAGGTGGTCACCGTACATCTGCAGACGTCGCTGGAGAA
 TGGCACACGGGTGCAGGAGGAGCCGGAGCTGGTGTCTACTCTGGGTGACTGTGACGTCAT
 CCAGGCCCTGGATCTCAGTGTCCACTCATGGACGTGGGGGAGACGGCCATGGTCACTGC
 TGACTIONAAGTACTGCTACGGCCCCCAAGCAGCAGGAGCCATACATNCNCCCACGC
 GGNCTGTGCTGGAGGTGACCTGAAGACCGCTGTGGACGNCCTGACCTGNAGATGCT
 CACGGGACAGGAGCGCTGCCCTGGCCAACCGAAAGCGGAGTGGCGCACGCCACTACNC
 AGCGGCGGACTTCGTCTGGNCGCAACTCTACGACCTGCCATNAAGCTATCACCTA

3' Read Nucleotide Sequence:

>OriGene 3' read for NM_012181 unedited
 ATCTAGAGTCGAGTTTTTTTTTTTTTTTTTTCAGGGTGGGATGCTTTATTTCACTGTGG
 CGGGGAGGGAACCTGGACAGGGGCGGCAGGCGGGGTGGGGGCTGGCACTCAGGCGGGG
 ACTAGGCAGGGGAAGGGTGCCTCCAGGCTGATGAGGAGAACTGAGGCCAGCCCTGGC
 GGAGACCTAGCCAGCGGGTAAGGAGGTGGGGAAAAGTGGTCTGAAGGAATGAGGG
 CCCCTCCCTCTGGGCTTCTCTCTAGAGGGCTCAGTCCCTCCTGCTGGCTGGGCTGCA
 CGACCCCAATCCTTGCTCCCTAACCCGAGGAGGGGGCCAGACCAGGAGGGCCAGTG
 GACAGGGAGCCCTGGGGGAGTTGGGGAGCGCAGGGCAGGGTCCATGGTGTGCACAGGGGG
 TGGCAGCCACCTAAGTGGTCAGTCCCTGGCAGCGATGACCACAGAGAGTGCCCCACCTC
 CAAGGCATCAGCAGTCTCCCAACAGCCACTTCTATGGGATGGACCAGGCACCTTGCC
 AGGGTACTTACTACGTACCCGGCTGCGTTGCCACCCCTTTCCCGTCACCGCCGCTCC
 GCGCTCCGCTGCGCCATGCTCCTTACCCTTTTGAACCCCTGCCCGATCCCCCTTGT
 GCAAGGCCACACTTACGGCTTGCCCCAGATGGGGATGGCCCCACTGGACTCCCCCTGC
 TGGCCCACACCTTGCCCTTGGCGAGAAAGCCCTGATGTTCCCTGGTTGCCGCTCCACCC
 ACAGTCCAGGACCCCGAGGCTCGCCGGTACTGGTTCCAACCTTACCGCGCAGCCCTC
 AGTTTGTCAAAAACCTTCCCTTCTCATTGCACGAGTCCGGGCTCCCTTCTCGAACGCC
 CAGTCCCCTTCTGCGCTGCAGGACACCCTGTATGGGCAGTCCCGATTTGGGGCCAC
 AACAAATCCCACTCTGCTATGGGCTCGCCGCTCATGCTTTGCGTTGCCGGGCCCT
 TTCTTCTGTAGCT

Restriction Sites:

NotI-NotI

ACCN:

NM_012181

Insert Size:

1780 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:

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_012181.3](#), [NP_036313.3](#)

RefSeq Size: 1787 bp

RefSeq ORF: 1242 bp

Locus ID: 23770

UniProt ID: [Q14318](#)

Cytogenetics: 19p13.11

Domains: FKBP, TPR

Protein Families: Druggable Genome, Transmembrane

Gene Summary: The protein encoded by this gene is a member of the immunophilin protein family, which play a role in immunoregulation and basic cellular processes involving protein folding and trafficking. Unlike the other members of the family, this encoded protein does not seem to have PPlase/rotamase activity. It may have a role in neurons associated with memory function. [provided by RefSeq, Jul 2008]

Transcript Variant: This variant (1) represents the longer transcript and encodes the longer isoform (1).