

Product datasheet for SC112800

FKBPL (NM_022110) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	FKBPL (NM_022110) Human Untagged Clone
Tag:	Tag Free
Symbol:	FKBPL
Synonyms:	DIR1; NG7; WISP39
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF within SC112800 sequence for NM_022110 edited (data generated by NextGen Sequencing)

ATGGAGACGCCACCACTCAATACAATTGGAGAAAAGGACACCTCTCAGCCGCAACAAGAG
TGGGAAAAGAACCTTCGGGAGAACCTTGATTAGTTATTCAGATTAGGCAGCAGCCCCGA
GACCCCTCTACCGAAACGCTTGAGCTGGAAGTAAGCCAGATCCAGCCAGCCAAATTCTA
GAGCACTCAAGGAGCTGAAAACTGGTTGCTGAACCTGAAGGAGACTCTCATAAGTCT
CATGGATCAACCAGTCAGATGCCAGAGGCCCTTCAAGCTTCTGATCTCTGGTACTGCCCC
GATGGGAGCTTTGTCAAGAAGATCGTAATCCGTGGCCATGGCTTGGACAAACCCAACTA
GGCTCCTGCTGCCGGTACTGGCTTTGGGGTTTCCTTTCCGGATCAGGGCCGCCAGAGGGC
TGGACAGAGCTAACTATGGGCGTAGGGCCATGGAGGGAGGAACTTGGGGGGAGCTCATA
GAGAAATGCTTGGAGTCCATGTGTCAAGGTGAGGAAGCAGAGCTTCAGCTGCCTGGGCAC
TCTGGACCTCCTGTCAGGCTCACACTGGCATCCTTCACTCAAGGCCGAGACTCCTGGGAG
CTGGAGACTAGCGAGAAGGAAGCCCTGGCCAGGGAAGAACGTGCAAGGGGCACAGAACTA
TTTCGAGCTGGGAACCTGAAGGAGCTGCCCAGTGTATGGACGGGCTCTTCGGCTGCTC
CTGACTTTACCCACCTGGCCCTCCAGAACGAACTGTCTTCATGCCAATCTGGCTGCC
TGTCAGTTGTTGCTAGGGCAGCCTCAGTTGGCAGCCAGAGCTGTGACCGGTGTTGGAG
CGGGAGCTGGCCATTTAAAGGCCTTATACCGAAGGGGGTTGCCAGGCTGCCCTTGGG
AACCTGGAAGCAACTGCTGACCTCAAGAAGGTGCTGGCGATAGATCCCAAAACCGG
GCAGCCCAGGAGAACTGGGGAAGGTGGTCATTAGGGGAAGAACCCAGGATGCAGGGCTG
GCTCAGGTCTGCGCAAGATGTTTGGCTGA

Clone variation with respect to NM_022110.3



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5' Read Nucleotide Sequence:	>OriGene 5' read for NM_022110 unedited <pre> AGCATTAGTATACGACTCCTATAGGGCGGCCGCGATTTCGGCACGAGGCCTCGTGCCGAAT TCGGCACACAGCCCGCCTCCCGCACCGCGCCCTCTCCGGCTGCCCTCTCCGCGTGGGGC AAGGCTCCGAGGGCAGCATTAGTAGCCATTTAGCTTTGGAAGGAGAGGTGATTCGAATG GCCCCGCTCCTCTGTACCATGCTAGGCATTTGGCCGCGCAGGTGCTGACCTGAACCT GGTTCATCCCTTTCTGACCAAACTGTTCACTACCCGTGGAAGGGAAGTAAAGCATCCATAT GGAGACGCCACCACTCAATACAATTGGAGAAAAGGACACCTCTCAGCCGCAACAAGAGTG GGAAAAGAACCTTCGGGAGAACCTTGATTCAATTATTCAGATTAGGCAGCAGCCCCGAGA CCCTCCTACCGAAACGCTTGAGCTGGAAGTAAGCCAGATCCAGCCAGCCAAATTCTAGA GCATACTCAAGGAGCTGAAAACTGGTTGCTGAACCTGAAGGAGACTCTCATAAGTCTCA TGGATCAACCACTCAGATGCCAGAGGCCCTTCAAGCTTCTGATCTCTGGTACTGCCCCGA TGGGAGCTTTGTCAAGAAGATCGTAATCCGTGGCCATGGCTTGGACAAACCCAACTAGG CTCCTGCTGCCCGGCTACTGGCTTTGGGTTTCTTTTCGATCAGGGCCGCCAGAGGGCT GGACAGAGCTAACTATGGGCGTATGGCCATGGAGGGAGGAACTTGCGGGGAGCTCATAG AGAAAAGCCTTGGAGTCCATGTGTCAAGGTGAAGAAGCAGAGCTTCAGCTGCCTGGGCAC TCTGTACCTCCTGTCAGGCTCACACTGGCATCCTCCACTCAAGGCCAGACTCCTGGGACC TGAGACTACCGAGAGGAAAGCCCTGCCAGGAAGAACTGCCAGGGCCAGAACTTTTCGAG CTGGAN </pre>
3' Read Nucleotide Sequence:	>OriGene 3' read for NM_022110 unedited <pre> AGCTTGNCCGCGGCCGCTCTCTATAGTCGGTTTTTTTTTTTTTTTTTCTCTTTTAAGGT TTAACTTTTAATCAGCCAACTCTTGCGCATACCCTGAGCCAGCCCTGCATCCTGGTTCT TCCCCTGAATGACCACCTTCCCCAGTTCCTCCTGGGCTGCCCGGTTTTTGGGATCTATCG CCAGCACCTTCTTGAGGTGAGCAGTTGCTTTTTCCAGGTTCCCAAGGGCAGCCTGGGCAA CCCCCTTCGGTATAAGGCCTTTAAATGGCCAGGCTCCCGCTCCAACACCCGGTCACAGC TCTGGGCTGCCAACTGAGGCTGCCCTAGCAACAAGTACAGGCAGCCAGATTGGCATGAA GGACAGTTCGTTCTGGAGGGCCAGGTGGGGTAAAGTCAGGAGCAGCCGAAGAGCCCGTC CATAGCATCGGGCAGCTCCTTCAAGGTTCCAGCTCGAAATAGTTCTGTGCCCCCTTGAC GTTCTTCCCTGGCCAGGGCTTCTTCTCGCTAGCCTCCAGCTCCAGGAGTCCCGGCCTT GAGTGAAGGATGCCACCGTGAGCCTGACAGGAGGTCCAGATTGGCCAGGCCGCTGAACC TCTGCTTCTTACCTTGACACCTGGACTGCAAGCATTTGTGCTATGACCTCCCCCAAGT TCGCTTCTCTCCATGGCCCTACACCCCACTATTTACCTCTGTCCACCGCTCTGGCGGCC CCGTTCCCATAGGTAATCCCCGAAGCCACACCCCGCGACCGGGACCACTTCATCGC GATTGCGTCATAGACATGGCACTCAGGTACACGATTTTGTCTCCCAACGATTCCCTCGC CGGCCATTCCCCAACCTCACACCTTGAAGGGCGACGCGCCCACTTAACCTTCAACTCT TTCCTACTTCTTGCCTTCTCCGCTACAGCCCCGTAGTTTGAGTTCCCGCCTCTTCGAT TGCTTCGCTTGCCGCATTATCCCCACACCTGTCGACA </pre>
Restriction Sites:	NotI-NotI
ACCN:	NM_022110
Insert Size:	1400 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_022110.3](#), [NP_071393.2](#)

RefSeq Size: 1357 bp

RefSeq ORF: 1050 bp

Locus ID: 63943

UniProt ID: [Q9UIM3](#)

Cytogenetics: 6p21.32

Domains: TPR

Gene Summary: The protein encoded by this gene has similarity to the immunophilin protein family, which play a role in immunoregulation and basic cellular processes involving protein folding and trafficking. The encoded protein is thought to have a potential role in the induced radioresistance. Also it appears to have some involvement in the control of the cell cycle. [provided by RefSeq, Jul 2008]