

Product datasheet for MR200401

Fkbp1b (NM_016863) Mouse Tagged ORF Clone

Product data:

Product Type: Expression Plasmids

Product Name: Fkbp1b (NM_016863) Mouse Tagged ORF Clone

Tag: Myc-DDK
Symbol: Fkbp1b

Synonyms: 12.6kDa; AW494148; calstabin2; FKBP12.6

Mammalian Cell Neomycin

Selection:

Vector:pCMV6-Entry (PS100001)E. coli Selection:Kanamycin (25 ug/mL)

ORF Nucleotide >MR200401 representing NM_016863

Sequence: Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC

GCCGCGATCGCC

ATGGGCGTGGAGATCGAGACCATCTCCCCAGGAGACCGAAGGACATTCCCTAAGAAGGGTCAGATATGTG
TGGTGCACTACACAGGAATGCTTCAAAAAGGGCAAGAAATTTGATTCATCCAGAGACAGAAACCAAACCTTT
CAAGTTCAGAATTGGCAAACAGGAAGTCATCAAAGGCTTTGAAGAAGGCACTGCCCAGATGAGCTTGGGG
CAGAGGGCGAAGCTGACCTGCACCCCTGATGTGGCCTATGGAGCTACCGGCCACCCCGGTGTCATCCCTC

CCAATGCCACCTCATCTTTGACGTGGAGCTGCTCAGCTTAGAG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT

ACAAGGATGACGACGATAAGGTTTAA

Chromatograms: https://cdn.origene.com/chromatograms/mm9050 b02.zip

Restriction Sites: Sgfl-Mlul

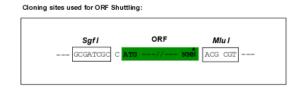
OriGene Technologies, Inc. 9620 Medical Center Drive, Ste 200

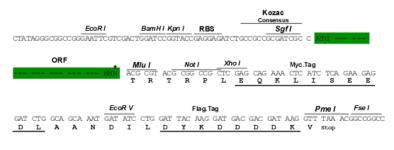
CN: techsupport@origene.cn

Rockville, MD 20850, US Phone: +1-888-267-4436 https://www.origene.com techsupport@origene.com EU: info-de@origene.com



Cloning Scheme:





^{*} The last codon before the Stop codon of the ORF

ACCN: NM_016863

ORF Size: 324 bp

OTI Disclaimer: The molecular sequence of this clone aligns with the gene accession number as a point of

reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing

variants is recommended prior to use. More info

OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression

varies depending on the nature of the gene.

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: <u>NM 016863.2</u>

 RefSeq Size:
 1007 bp

 RefSeq ORF:
 327 bp

 Locus ID:
 14226

 UniProt ID:
 Q9Z2I2

 Cytogenetics:
 12 A1.1

 MW:
 12.2 kDa

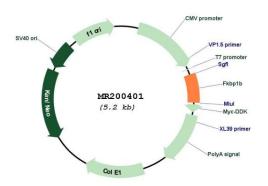
Gene Summary: Has the potential to contribute to the immunosuppressive and toxic effects of FK506 and

rapamycin. PPlases accelerate the folding of proteins. It catalyzes the cis-trans isomerization

of proline imidic peptide bonds in oligopeptides (By similarity).[UniProtKB/Swiss-Prot

Function]

Product images:



Circular map for MR200401