

Product datasheet for **SC208965**

FAM89B (NM_001098784) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Symbol:	FAM89B
Synonyms:	LRAP25; MTRV; MTRV1
Mammalian Cell	Neomycin
Selection:	
Vector:	pMirTarget (PSI00062)
ACCN:	NM_001098784
Insert Size:	694 bp
Insert Sequence:	>SC208965 3'UTR clone of NM_001098784 The sequence shown below is from the reference sequence of NM_001098784. The complete sequence of this clone may contain minor differences, such as SNPs. Blue=Stop Codon Red=Cloning site <pre> GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC CTCCTACCCACCGGATGCGGGCCTGTCTGACGACGAGGAGCCTCCCGATGCCAGCCTGCCTCCTGACCC GCCACCCCTTACTGTGCCCCAGACGCACAATGCCCGTGACCAAGTGGCTGCAGGATGCCTTCCACATCAG CCTCTGAAGGGCTGGGGGCGAGGGGCGATGCACCATGCAAAAGGCTCAGAACTCCCTCCGGCAAG CCCTCAGACTTCGGAGCCTGCGCCTTCCCCCTACCGCCTCACCTCACAGGAGGGCCAGGCATGTATTC CTCAGAGGCGAAACTGCCAACTCTTTCTCCTGTCTTGGGTTGGCTGGCACTGGGGCGGGCATCTAGGG TACAGCCTCTGCTCATGGCACTGGGCTCCAGTCTTCCACATGTGTGACCCCGAGCTTGCCCAACCC TCAGCCTTGCGGTGGGCGCCGAAGCATCTCCCTTCCGCTTGGCTCTCTGGGATTGGGATGAGTGCCT GGCTCCCATCTCCTCACCTTTTGTGTATCGGCAGCTGCTGGCTCAGGGGATCCACCTCCGGG CTCTGGGTTCTCTGCCCTGGAAGGGCTCCAGGACCCGTCCCAATAACCAACCCACGGCCAGGAGGCCA AGGCCCGGTGCTGGATATTTAAATTTAGGGGCCGGTCTCCAGGGCGGTAGATAAATAACACTCAG CGTC ACGCGTAAGCGGCCGCGCATCTAGATTCAAGAAAAATGACCGACCAAGCGACGCCAACCTGCCATCA CGAGATTTGATTCCACCGCCGCTTCTATGAAAGG </pre>
Restriction Sites:	SgfI-MluI



OTI Disclaimer:	Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences , e.g., single nucleotide polymorphisms (SNPs).
Components:	The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	<u>NM_001098784.2</u>
Summary:	Negatively regulates TGF-beta-induced signaling; in cooperation with SKI prevents the translocation of SMAD2 from the nucleus to the cytoplasm in response to TGF-beta. Acts as an adapter that mediates the specific recognition of LIMK1 by CDC42BPA and CDC42BPB in the lamellipodia. LRAP25-mediated CDC42BPA/CDC42BPB targeting to LIMK1 and the lamellipodium results in LIMK1 activation and the subsequent phosphorylation of CFL1 which is important for lamellipodial F-actin regulation.[UniProtKB/Swiss-Prot Function]
Locus ID:	23625
MW:	24.9