

## Product datasheet for **SC207662**

### **FAM89B (NM\_001098785) Human 3' UTR Clone**

#### Product data:

Product Type:	3' UTR Clones
Symbol:	FAM89B
Synonyms:	LRAP25; MTRV; MTRV1
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PSI00062)
ACCN:	NM_001098785
Insert Size:	579 bp
Insert Sequence:	<p>&gt;SC207662 3'UTR clone of NM_001098785</p> <p>The sequence shown below is from the reference sequence of NM_001098785. The complete sequence of this clone may contain minor differences, such as SNPs.</p> <p>Blue=Stop Codon Red=Cloning site</p> <pre> GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGAAAGATCGCCGTG TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC CTGCAGGATGCCTTCCACATCAGCCTCTGAAGGGCTGGGGGGCAGGGGGCATGCACCCATGCAAAAGGC TCAGAACTCCCCCTCCGGCAAGCCCTCAGACTTCGGAGCCTGCGCCTTCCCCCTACCGCCTCACCTC ACAGGAGGGCCAGGCATGTATTCTCAGAGGCGAACTGCCAACTCTTCTCCTGTCTTGGGTTGGCT GGCACTGGGGCGGGCATCTAGGGTACAGCCTCTGCTCATGGCACTGGGCCTCCAGTTCTTCCACATGTG TGCACCCCAAGCTTGGCCAACCCTCAGCCTTGCAGTGGGGCCGAAGCATCTTCCCTTCCGCTTGGCGT CTCTGGGATTGGGATGAGTGCCTGGCTCCCATCTCCTCCTCACCTTTTGTGCTATCGGCAGCTGCTGG CTCAGGGGCATCCACCTCCGGGCTCTGGGTTCTCTGCCCTGGAAGGGCTCCAGGACCCGTCCCAATA ACCACCCACGCGCCAGGAGGGCCAAGGCCCGTGTGGATATTTAAATTTAGGGGCCGTCTCCAGGGCG CGTAGATAAAATAAATACTCAGCGTC ACGCGTAAGCGGCCCGGGCATCTAGATTCAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA 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).



<b>Components:</b>	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.
<b>Note:</b>	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
<b>RefSeq:</b>	<a href="#">NM_001098785.2</a>
<b>Summary:</b>	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]
<b>Locus ID:</b>	23625
<b>MW:</b>	19.6