

Product datasheet for SC205078

MyoGEF (PLEKHG6) (NM_018173) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	MyoGEF (PLEKHG6) (NM_018173) Human 3' UTR Clone
Symbol:	MyoGEF
Synonyms:	MyoGEF
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_018173
Insert Size:	391 bp
Insert Sequence:	>SC205078 3'UTR clone of NM_018173 The sequence shown below is from the reference sequence of NM_018173. The complete sequence of this clone may contain minor differences, such as SNPs. Blue=Stop Codon Red=Cloning site

```

GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAACGATCGCC
GACACCCCTCTGTCCGCATCAGAGGTATGAGGAATGCAGAGGACCTTTGGCATGCATCTCTCCAGAGG
AGATCTCTCCCAAGTAGTGCTGGTCACCCTCCGGCATCTGTGACTCTACCTCAAGGACCACATTTCCCA
AAGGAAGCCTGGCCAGGCACCCTGCCTCCTGCTCTGTTTGGGGATCAAGAACTGTAAATTTATGTATC
ATAGGTGCACCTGAGCCCAAGAAAGTTGTGCATAAAATGACTGCCCTGGCTGGGCATGGCTGCCTG
TAATCCCAGCACTTTGGGAGGCTGAGGTGGGAGGATCCCTTGAGCCAGGAGTTCCAGACCAGCCTGGG
CAATATAGGGAAACCCTGTCTTTACAAAAAAATTTTAAAAATTA
ACGCGTAAGCGGCCGCGGCATCTAGATTGGAAGAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
  
```

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.


[View online »](#)

RefSeq: NM_018173.4

Summary: Guanine nucleotide exchange factor activating the small GTPase RHOA, which, in turn, induces myosin filament formation. Also activates RHOG. Does not activate RAC1, or to a much lower extent than RHOA and RHOG. Part of a functional unit, involving PLEKHG6, MYH10 and RHOA, at the cleavage furrow to advance furrow ingression during cytokinesis. In epithelial cells, required for the formation of microvilli and membrane ruffles on the apical pole. Along with EZR, required for normal macropinocytosis.[UniProtKB/Swiss-Prot Function]

Locus ID: 55200

MW: 14.3