

Product datasheet for **RN206346**

Abra (NM_175844) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Abra (NM_175844) Rat Untagged Clone
Tag: Tag Free
Symbol: Abra
Synonyms: Ms1; Stars
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >RN206346 representing NM_175844
Red=Cloning site **Blue**=ORF **Orange**=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGGCTCCTGGAGAACTGTAAGGGAGGCGGGCCGGCCAAGAGTGCCCTCCAGAAGGTCCGCAGAGCAA
CCCTGGTGATCACTTGGCCGAGGATGGCAGCAGTGGGCGAATGAGAACAGTACCAGACAGGCCAGGA
GCCTGCAGGCTGGCTGCCAGGAGCAACTCAAGACTACCTCACACTCCTAAAGAACCGGGTCTCGCCAG
CATGCCCCCAAACCTCCGTCTCCAAAGCCAGATGGAGACAGAGAGGGACGAGGCTCTGAGGAAGCCACGG
AGGTCTCCATATCAAAAAGGAAAGAGGTGACCAGAACGGTTGTCAGTAAGGCGTATGAGAGAGGAGGAGA
TGTGAACTACCTGAGCCACAGGTACGAGCATGATGGCGGCGTGTCTGAAGCGGTCCAGCCAGACAATGAC
ATTGACAGAATCCTCCTCAGTCACGACTCGCCAACGCGGAGAAGAAAATGCACCAACTTGGTATCTAAGC
TGACCAAAGGCTGGAAAGTATGGAACAGGAGGAGCCCAAGTGGAAAGAGTGACAGCATAGACACAGAGGA
CAGTGGCTACGGAGGGGACATGGAGGAGAGGCCAGCAAGATGTAGCGCAGGTGGCTGCTGCCAGGATT
AAACGCCCTTGCCTCCAGGCAACAGATACTCAGAGACACTCAACTGTAAGGCCATCGGAAATACA
GCCAAGTGGACAACCTGAAAGGCAGGTGGCAGCAGTGGCCGATGAACACATACAGTCACAGAAGCTCAA
CCCTTCAGTGATGAATTTGACTATGACCTAGCCATGTCCACTCGACTCCACAAGGGAGACGAGGGATAT
GGCCGCCCAAAGAGGGAAGCAAGACAGCTGAAAGGGCCAAGAGAGCCGAGGAGCACATCTATCGGGAAA
TTATGGAATTGTGCTTTGTTATCCGCACAATGGCTCGCCATAGACGAGATGGCAAGATCCAGGTTACTTT
CGGAGAACTCTTTGATAGATATGTTGCAATTTAGATAAAGTGGTGGGCATCCTCATGCGTGCCAGGAAA
CACGGACTGGTGCCTTTGAAGGGGAGATGCTATGGCAAGGCAAAGATGACCATGTTGTGATTACTCTCC
TTGAG**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI



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ACCN:	NM_175844
Insert Size:	1128 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:	<ol style="list-style-type: none">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_175844.3</u> , <u>NP_787038.1</u>
RefSeq Size:	1282 bp
RefSeq ORF:	1128 bp
Locus ID:	286965
UniProt ID:	<u>Q8K4K7</u>
Cytogenetics:	7q31
Gene Summary:	Acts as an activator of serum response factor (SRF)-dependent transcription possibly by inducing nuclear translocation of MKL1 or MKL2 and through a mechanism requiring Rho-actin signaling.[UniProtKB/Swiss-Prot Function]