

Product datasheet for **MC218332**

Habp4 (BC082806) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Habp4 (BC082806) Mouse Untagged Clone
Tag: Tag Free
Symbol: Habp4
Synonyms: 4933413D03Rik; 4933428J01Rik
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >BC082806
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGAAGGGGGCCCTGGGAGCCCTGTAGCCGCCGGGGCGCCGCGATGCAGGAGACGTTCCGGCTGCGTCCG
TGGCCAACCGCTTCCATCAGCTGCTGGACGACGAGTCGGACCCGTTTCGACATCCTGCGGGAGGCCGAGCA
CCGGCGCCAGCAGCAGCTGCAGCGCAAGCGTCGCGATGAGCGGGCGGGCGGCCAGCGGGCCGGGCAC
CGTGGCGGCAGGAGCCCGCTGTGGCCTCAGGACACAGGCTGGCGCAGGCGGCCGAGGGAGTCGCAGA
AGGAGCGCAAGAGCCTCGCGCGTCCGGCGCACAGCAGCCAGACAGCCCTGGGGGCCCGCAGCCGCCAGG
CCAGAAGCGGACTCCTCGAAGAGGGGAGCAGCAAGGATGGAATGACAACAGGGGGACAGAGCTGGTGCTT
GAAAGAGCAGAGCGAAGGTCCTACAGGGAATACCGGCCCTATGAGACTGAGAGACAGGCTGACTTGCCAG
TGGAGAAGTTTACCGATGAAAAACCAAGTTGACAGGTTTGTATCGAGACAGACCACTGAGAGGACGTGGAGG
CCCCAGAGGAGGCTGAGGAGCAGAGGCCGAGGCGGTCTGGGAACAGAGCTTTTACTCCTTTGACCAA
AGAGGGAAACGAGACTTTGAGAGATACAGTAGCAATGATAAAACAACAGAATGGAGGACAGCATGGGTG
GCTGTGGCATTGCCCCCTGGGGATCAGGTAAGACACTAGTGATACAGAGCCACCTGCACCCATGGAAGA
GACCTCGATGATGGAGGAGTGCCAGGGCCCTGGACGAGGAGTCTGCAGCCAAAGTTCTTGAGTTGGAG
GTAGAAGAGGAAAACCAAGTCCAAGAGATGACCTTAGATGAGTGAAAAACCTTCAAGAACAACAGAC
CAAAGCCTGAGTTCAATATTCGGAAGCCAGAGTCCACAGTTCTTCCAAGGCAGTGGTGATTCAACAAGTC
CAGATACAGAGACGATGTAAGCTTGCTCAGGGGAATCTGTACTGTTGA

ACGGTACGGGGCCGCTCGAGCAGAACTCATCTCTGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: BC082806



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Insert Size:	3405 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>BC082806</u>
RefSeq Size:	4884 bp
RefSeq ORF:	1028 bp
Locus ID:	56541
Cytogenetics:	13 33.26 cM
Gene Summary:	RNA-binding protein that plays a role in the regulation of transcription, pre-mRNA splicing and mRNA translation. Negatively regulates DNA-binding activity of the transcription factor MEF2C in myocardial cells in response to mechanical stress. Plays a role in pre-mRNA splicing regulation. Binds (via C-terminus) to poly(U) RNA. Involved in mRNA translation regulation, probably at the initiation step. Seems to play a role in PML-nuclear bodies formation (By similarity).[UniProtKB/Swiss-Prot Function]