

Product datasheet for **RN201069**

Habp4 (NM_001079940) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
 Product Name: Habp4 (NM_001079940) Rat Untagged Clone
 Tag: Tag Free
 Symbol: Habp4
 Synonyms: IHABP-4; IHABP4
 Vector: pCMV6-Entry (PS100001)
 E. coli Selection: Kanamycin (25 ug/mL)
 Cell Selection: Neomycin
 Fully Sequenced ORF: >RN201069 representing NM_001079940
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGAAGGGGGCCCTGGGAGCCCGGTAGCCGCCGGGGCGCCGCGATGCAGGAGACGTTCCGGCTGCGTCCG
 TGGCCAACCGCTTCCATCAGCTGCTGGACGACGAGTCGGACCCGTTTCGACATCCTGCGGGAGGCCGAGCA
 CCGGGCCAGCAGCAGCTGCAGCGCAAGCGTCGCGATGAGCGGGCGGCCAGCGGGGCTGGGCACCGT
 GCGGGCAGGAGCCCTGCGGTGGCCCTCAGGACACAGGCCCGCGCGCCGCGCCGAGGAGTCGCAGAAGG
 AGCGCAAGAGCCTCGCGGTGTCCAGCGCACAGCAGCCAGACAGCCCCGGGGGCCCTCAGCCGCCAGGCCA
 GAAGCGGACTCCTAGAAGAGGGGAGCAGCAAGGATGGAATGACAACAGGGGGACAGACGTGGTGTGTTGAT
 AGAGCAGAGCGAAGGTCTACAGGGAATACCGGCCCTACGACACTGAGAGACAGGCCGAGTCGACAGCGG
 AGAAGTTTACTGACGAAAAACCAGTTGACAGGTTTGTGAGACAGACCACTGAGAGGACGTGGAGGCC
 CAGAGGAGGCTGAGGAACAGAGGCCGAGGTGGTCTGGGAACAGAGCCTTTGACTCCTTTGACCAGAGA
 GGGAAACGAGATTTTGAAGATATGGTAGCAGTGATAAAGCAAACAGAATGGAGGACAGTATGGGTGGCT
 GTGGCGTTCCGACCTGGGGATCAGGTAAGACACTAGTGACACAGACCACCTGCACCCATGGAAGAGAC
 CTGATGATGGAGGAGTGCCAGGGCGTCTGGACGAGGAGTCTGCATCCAAGTCCCTGAGTTGGAGGTG
 GAAGAGGAAAATCAAGTCCAAGAGATGACCTTAGATGAGTGAAAAACCTTCAAGAACAACCCAGACCAA
 AGCCTGAGTTCAATATCCGGAAGCCAGAGTCCACAGTTCTTCCAAGGCAGTGGTGATTCACAAGTCCAG
 ATACAGAGATGATATTGTGAAGGATGACTATGAGGATGAGTCTCACGTTCTCCGAAAGCTGCCAATGAT
 ATCACCTCCAGCTGGAGATTAACCTTGGTAACCTCCCTCGCCCTGGACGGGGAGCCAGAGGCAGCACCC
 GGGGAGGCCGAGGAAGAATCAGAAGAACGGAGAATATGGCCCCGAGCAGAAGTGGTGACCAAGATGT
 TGCTCCAACCCGGATGACCTGAGGACTTCCCCGCCCTGGCC**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA



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Restriction Sites:	Sgfl-Mlul
ACCN:	NM_001079940
Insert Size:	1236 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:	NM_001079940.1 , NP_001073409.1
RefSeq Size:	1451 bp
RefSeq ORF:	1236 bp
Locus ID:	361196
UniProt ID:	A1L1K8
Cytogenetics:	17p14
Gene Summary:	RNA-binding protein that plays a role in the regulation of transcription, pre-mRNA splicing and mRNA translation (PubMed:15862299). Negatively regulates DNA-binding activity of the transcription factor MEF2C in myocardial cells in response to mechanical stress (PubMed:15862299). 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 (By similarity). Seems to play a role in PML-nuclear bodies formation (By similarity). [UniProtKB/Swiss-Prot Function]