

Product datasheet for **MC217770**

Hax1 (BC006688) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Hax1 (BC006688) Mouse Untagged Clone
Tag: Tag Free
Symbol: Hax1
Synonyms: HAX-1, mHAX-1s, SIG-111
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >BC006688
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGAGCGTCTTTGATCTTTCCGAGGCTTTTTCGGCTTCTCGGACCTCGGAGCCACAGAGATCCTTTTT
TTGGAGGGATGACTCGAGATGATGACGACGATGATGATGATGATGACGAAGCGGAGGAAGACAGAGGCGC
GTGGGGTCGAGAGAGCTATGCGTTTGATGGTTCTCAGCCTCCAGAGGAATTCGGTTTCAGCTTCAGCCCC
AGGGGAGGGATGCGATTCCACGGCAACTTTGGCTTTGATGATCTAGTACGAGATTTAATAGCATCTTCA
GCGAGATGGGGCCTGGACCTTGCCCTCCACTCTCCTGAACTTCCAGGTCCTGAGTCAGAAACACCTGG
TGAGAGACTGCGGGAGGGGCGAGACACTACGAGACTCAATGCTTAAGTACCCAGATAGTCACCAACCCAGG
ATCTTTGAGGGGGTCTTGAGAGTCAATGCAAAACCTGAATCCCCAAAACCAGCTCCAGATTGGGGGTCGC
AGGGACCTTTTCATAGGTTGGATGATACATGGCCTGTGAGTCCCCATTCTAGAGCCAAAGAGGACAAAGA
TCTTGACTCCCAGGTTTCCAGGAAGGTCTGGGTCCACTTCTTCAACCCAGCCCAATCGTATTTCAA
AGTATCTCTGTGACCAAGATCACTAAGCCAGATGGGACAGTGGAGGAACGCCGACTGTGGTAGACAGTG
AGGGCCGAGGGAGACCACAGTGACCCATCAAGAAGCCATGACAGTTCAGAAAGTATCCAGACTCTCA
GAGATCTTCAGCTTTGGATGATCCCTTTCCATTCTGGATTTGCTACTAGGACGTTGGTTTCGGTCCCGA
TAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCTGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: BC006688
Insert Size: 843 bp



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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>BC006688</u> , <u>AAH06688</u>
RefSeq Size:	1077 bp
RefSeq ORF:	842 bp
Locus ID:	23897
Cytogenetics:	3 F1
Gene Summary:	Recruits the Arp2/3 complex to the cell cortex and regulates reorganization of the cortical actin cytoskeleton via its interaction with KCNC3 and the Arp2/3 complex. Slows down the rate of inactivation of KCNC3 channels. Promotes GNA13-mediated cell migration. Involved in the clathrin-mediated endocytosis pathway. May be involved in internalization of ABC transporters such as ABCB11. May inhibit CASP9 and CASP3. Promotes cell survival. May regulate intracellular calcium pools.[UniProtKB/Swiss-Prot Function]