

Product datasheet for MC201881

Hand1 (NM_008213) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Hand1 (NM_008213) Mouse Untagged Clone
Tag: Tag Free
Symbol: Hand1
Synonyms: bHLHa27; eHAND; Ehand1; Hxt; Th1; Thing1
Mammalian Cell Selection: Neomycin
Vector: PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection: Kanamycin (25 ug/mL)

Fully Sequenced ORF: >BC050182 sequence for NM_008213
 GGTCTTTGGACGTCTGAACCTTCTCCCTCGTTGCTACAGAAACCTTCAAGAGGTGGCAGGTCCCTTCG
 TATCATCTCCAGCCTTGCTCGCTCAGGACTCTCCAAACCCAGCCAGTTCGCTGCCTCTGGAGCCACGG
 TGGCCCCCTTCTGTGGGCGCATGGGGCGGTGCTAATTGGGCTGACAGCACAGGCCAGGAGCCTCTCCAA
 CATGAACCTCGTGGGCGACTACGCACATCATCACCATCATCACCCTCACACCCGACGCACCCCATGCTC
 CACGAACCTTCTGTTGGCCCGCCTCGCGTTCACCAGGAGCGGCCTTACTTCCAGAGCTGGCTGC
 TGAGCCCGGCTGATGCTGCCAGATTTCCCTGCCGGCGGGCCACCACCTACCACCGCAGTAGCAGCGGC
 TGCCTATGGTCCCGATGCCAGGCCGAGTCCAGAGCCAGGTGGCTGGAGGCTCTTGAAGCCGCTGCC
 AAACGAAAAGGCTCAGGACCCAAGAAGGAGAGGAGACGCACAGAGAGCATTAAACAGCGCTTCGCGGAGC
 TGCGTGAGTGCATCCCCAATGTGCCCGCCGACACCAAGCTCTCCAAGATCAAGACTCTGCGCCTGGCTAC
 CAGTTACATCGCCTACTTGATGGACGTGCTGGCCAAGGATGCACAAGCAGGTGACCCCGAGGCCTTCAAG
 GCTGAACTCAAAAAGACGGATGGCGGTCCGAAAGCAAGCGGAAAAGGGAGTTGCCTCAGCAGCCCGAAA
 GCTTCCCTCCTGCCTCGGGGCCCGGCGAGAAGAGGATTAAAGGGCGCACCCGGCTGGCCTCAGCAAGTCTG
 GGCCTGGAGCTAAACAGTGAGACCAGGCCAACGCCCGGAGAAACCCGGCCGAGGCTGGCCACCTGG
 CTACGCGGAGAGGAGAGGAAAGGACGCAGCGGCTACGGCGGGTCTCCCGGTGCCCGCGCATTTCCGCC
 AGTCTCTGCGGAGCACCGGAGGGTGGCGGTTGCAACTACCCACTAGGATCGCACGTGCAATGTCATTTG
 AATTTGTTAATACATAAGAGAAAGAGAAATTTATATATGTTCACTTCCCGCCGAGGGCGGCTCTTGAA
 GGCTCGACTCAAGGTGGGACTGGAGAAGACCAAGCCCCGAAGACACACCCTTCCAACCCATCTGGGTGG
 AACTCAACCCAAAAGCCATGGTCGCGCGCTCTGGCTCGCTCTCGTCCCCTCTTGGCTCGCTGCGT
 CAGTACCCTGATGCCTTCTCGAGTTAAAATGCAATAAGAGTAATTGGTAGTTTCTAACGGAAGACTGA
 CGCTGCCTGGGTTGACCTCTCCTGAGCAGCGATGGTTTTCTTCTTGTGCTACACTTCTACCTAGAGG
 GAAGGCGTTGCTCCCTTGCAGCGCACCTCTGCTTCCAAGGAAATCTTCCCTTCTTCCCTTCCCTT
 CCCTCCCTCGCCTCCTCCTTCCCTCTTCCGTCCTCTTACCTCCTTCTTCTTCTTCTTCTTCTTCTT
 CATTTCTTCTTCTTCTTCTAATAAAAAGCGTCCCATTCGTTGCTGAATTTGTAACGTATTTAAACTA
 CCTATCATGCCTGTTGCTCTCAGGTATACATCTCCCTACCCACCCCTTTTCTACCTCAAATCAGTGTG
 ACCACTCGCAGCCCAACCTTTGCCAAAGCAGTATCTATGCTCTTGACTTAATAAAAAGTTTTCAGAGAA
 AA



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Restriction Sites:	RsrII-NotI
ACCN:	NM_008213
Insert Size:	651 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:	BC050182 , AAH50182
RefSeq Size:	1796 bp
RefSeq ORF:	651 bp
Locus ID:	15110
UniProt ID:	Q64279
Cytogenetics:	11 35.27 cM
Gene Summary:	Transcription factor that plays an essential role in both trophoblast-giant cells differentiation and in cardiac morphogenesis. In the adult, could be required for ongoing expression of cardiac-specific genes. Binds the DNA sequence 5'-NRTCTG-3' (non-canonical E-box). [UniProtKB/Swiss-Prot Function]