

Product datasheet for RN215260

Hand2 (NM_022696) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
 Product Name: Hand2 (NM_022696) Rat Untagged Clone
 Tag: Tag Free
 Symbol: Hand2
 Mammalian Cell Selection: Neomycin
 Vector: pCMV6-Entry (PS100001)
 E. coli Selection: Kanamycin (25 ug/mL)
 Fully Sequenced ORF: >RN215260 representing NM_022696
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGAGTCTGGTGGGGGGCTTTCCCCACCACCCCGTGGTGCACCATGAGGGCTACCCGTTCCGCCGAGCCG
 CAGCCGCCGCTGCTGCTGCCGCCAGCCGCTGCAGTCACGAGGAGAACCCTATTTCCACGGCTGGCT
 TATTGGCCACCCGGAGATGTCGCCCCCGACTACAGCATGGCCCTGTCTACAGTCCCGAGTACGCCAGC
 GGTGCCCGGGCCTGGACCACTCCATTATGGGGGAGTGCCGCCCGGTGCCGGCCTCCCGCCTGGGGG
 GGCCCGCCCGGTGAAGCGTCGGGGCACCGCAACCGCAAGGAGCGCGCAGGACTCAGAGCATCAACAG
 CGCCTTCGCCGAGCTGCGCGAGTGCATCCCAAGTGCCCGCCGACACCAAACCTCTCCAAAATCAAGACT
 CTGCGCCTGGCCACCAGCTACATCGCCTACCTCATGGATCTGCTGGCCAAGGACGACCAGAACGGAGAGG
 CGGAGGCCTTCAAGGCGGAGATCAAGAAGACCGACGTGAAAGAGGAGAAGAGGAAGAAAGAGCTGAATGA
 AATCTTAAAAAGTACAGTGAGCAGCAACGACAAGAAAACCAAAGGCCGGACAGGCTGGCCACAGCACGTC
 TGGGCCCTGGAGCTCAAGCAG**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAAACCTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-Mlul
 ACCN: NM_022696
 Insert Size: 654 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_022696.1 , NP_073187.1
RefSeq Size:	715 bp
RefSeq ORF:	654 bp
Locus ID:	64637
UniProt ID:	P61295
Cytogenetics:	16p11
Gene Summary:	acts in complex with Gata4 to activate transcription of cardiac specific genes [RGD, Feb 2006]