

## Product datasheet for **MG216383**

### Dhrsx (NM\_001033326) Mouse Tagged ORF Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Dhrsx (NM\_001033326) Mouse Tagged ORF Clone  
**Tag:** TurboGFP  
**Symbol:** Dhrsx  
**Synonyms:** C80877; D4Ertd296e; Dhrsxy; Pscad  
**Mammalian Cell Selection:** Neomycin  
**Vector:** pCMV6-AC-GFP (PS100010)  
**E. coli Selection:** Ampicillin (100 ug/mL)  
**ORF Nucleotide Sequence:** >MG216383 representing NM\_001033326  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGATCGCC**

ATGTCCACCTTGCAGGCGCTGCGGGCCGTGCTCTGCGTCTACGCCGTGGGCATCGCGGTGGCGCTGGCGC  
 AGCTTCTGCGCAGGCTCCGCGGGACTTCCGGCCCGGTTCTTCCCCCAGCCGGGCGTGTGGCCAT  
 CGTGACAGGGGCGACAGCTGGCATCGGGCGTAGCACCAGGAGGAGCTGGCGGGCTGGGCATGTGCGTG  
 GTCGTGGCCGGCAATGACGAGCACTGCGGACAGGAAGTTGTGAGTCCATCCGGGCGGAGATGGGGAGCG  
 ACCGAGCGCACTTCTTGGCCCTGGACTCGCCTCCCTGGCCTCCGTCCGAGGCTTCGCCCGCACTCCG  
 GGCCTGGGACTCCCCCTGCACCTGCTCGTCAACAACGCGGGCGTGATGCTGGAGCCGCGGGCTGAGACT  
 GAGGACGGCTTCGAGCGCCACCTGGGTGTGAATTCCTGGGCCACTTCTGCTGACGCTGCTGCTCCTCC  
 CCGCCTTGCAGCGCTCAGGGGCGGAGGGGCGGGCTCGCGTGTGCTCACCGTGGGGTTCGGCCACACACTA  
 CGTGGGACCGGTGGACATGGCCGACCTTACGGGCGCCACGCCTACTCCCCGTACGCAGCCTACGCGCAG  
 AGCAAGCTCGCCCTCGCCCTGTTTCGCCCTACAGCTGCAGCGCATCCTGGACGCCCGCGGTGACCCCTGTA  
 CCTCAACATGGCCGACCCCGCGTGGTTCGACACCGAGCTGTACCGGCACGCGGGTGGGTCTTGCCGAC  
 GGTGAAGCGGTTCTCGGGTGGCTGTTTTCAAGAGCCCGAGGAGGGCGCGTGGACGTTGGTGTACGCG  
 GCGGCCGCCCGGAGCTAGAAGGTGTCGAGGTCGCTACCTGCGTGACGAGGCCGAGGCAGAGCCGCTGG  
 GGACCGCGGGGACAGGAGCTGCAGCGCGGCTGTGGCCGAGGGCCTCAGGCTGACGGGCGCGGGGG  
 CGGGGACAGCGATGGCGTGGCGTGG

**ACGCGT**ACGCGGCCGCTCGAG - GFP Tag - GTTTAA



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**Protein Sequence:** >MG216383 representing NM\_001033326  
 Red=Cloning site Green=Tags(s)

MSTLRALRAVLCVYAVGIAVALAQLLRRLRGDFRPPVLPQPGRVAIVTGATAGIGRSTARQLARLGMCV  
 VVAGNDEHCGQEVVSSIRAEMGSDRAHFLPLDLASLASVRGFARDFRALGLPLHLLVNNAGVMLEPRAET  
 EDGFERHLGVNFLGHFLLTLLLLPALRASGAEGRGSRVTVGSATHYVGTVMADLHGRHAYSPYAAAYAQ  
 SKLALALFALQLQRILDARGDPVTSNMADPGVVDTELYRHAGWVLRVTKRFLGWLVFKSPEEGAWTLVYA  
 AAPELEGVGGRYL RDEAEAEPLGTARDQELQRRLWAEGLRLTGAGGGSDGVAW

TRTRPLE - GFP Tag - V

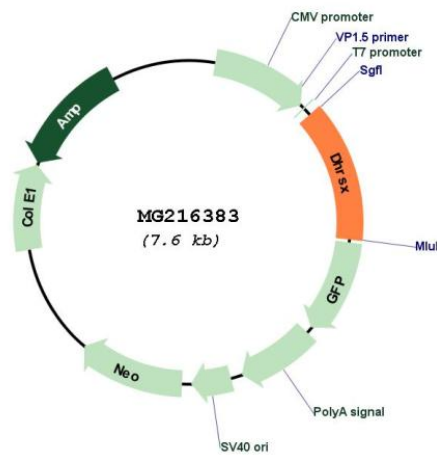
**Restriction Sites:** SgfI-MluI

**Cloning Scheme:**

Cloning sites used for ORF Shuttling:



**Plasmid Map:**



**ACCN:** NM\_001033326

**ORF Size:** 1005 bp

<b>OTI Disclaimer:</b>	The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. <a href="#">More info</a>
<b>OTI Annotation:</b>	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"> <li>1. Centrifuge at 5,000xg for 5min.</li> <li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li> <li>3. Close the tube and incubate for 10 minutes at room temperature.</li> <li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li> <li>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.</li> </ol>
<b>RefSeq:</b>	<a href="#">NM_001033326.3</a>
<b>RefSeq Size:</b>	2211 bp
<b>RefSeq ORF:</b>	1008 bp
<b>Locus ID:</b>	236082
<b>Cytogenetics:</b>	4