

## Product datasheet for **MC226453**

### Stard6 (NM\_001289650) Mouse Untagged Clone

#### Product data:

<b>Product Type:</b>	Expression Plasmids
<b>Tag:</b>	Tag Free
<b>Symbol:</b>	Stard6
<b>Synonyms:</b>	1700011K09Rik; 4833424I06Rik; 4933429L05Rik; AI644424
<b>Mammalian Cell Selection:</b>	Neomycin
<b>Vector:</b>	pCMV6-Entry (PS100001)
<b>E. coli Selection:</b>	Kanamycin (25 ug/mL)
<b>Fully Sequenced ORF:</b>	>MC226453 representing NM_001289650 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**GCGATCGCC**

ATGGACTATAAGGCAATTGCCCAACAACTGCTGAACAAGTTTTAGCTTACAATCAAGACCTATCTGGCT  
GGAAACTCATTAAATCTCAAAAAAGGTAAGTGTTCAGCAAGACCTCTAGAATATCCACGGAAACCT  
ATACCGCGTTGAAGGAATAATCCAGAATCAGCAGCTCATCTCTGACTTCTCTTCAAACATGATCAC  
AGAGTCTCATGGGACAAATCATTGAAAGGGTTCAATGTGATACACAAGATTGATTCGGACACACTCATAT  
GCCACACCATTACACAAAGTTTTGCCATGGGCTCAATTTCCCTAGAGACTTTATCGACTTAGTACACAT  
CAAGCACTATGAAAGGAACGTGGACATTATCAGTACTAAAAGTGTGGACTTCCCAGGATATGCTCCAAC  
TCGACTTATATCCGTGGCTTAAATCATCCCTCTGGCTATGTGTTCACCTCTGAAGGAAAACCCAGCCT  
ATTCCAAGCTAGTGATTTTTGTCCAGACAGAGATGAAAGGAAAATGCCTGCATCGGTAATTGAAAAGTC  
TATGCCTTCCAACCTAGTAAGCTTCTCTCAATGTGAAAGATGGCGTAAAGACGTACAGAATCCACCC  
ATACGTGCCCGGCACAGTTCGCACTCTGTGCACAAAAAGAAAGGACATTCTGCCATTAACCGT  
AG

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

<b>Restriction Sites:</b>	SgfI-MluI
<b>ACCN:</b>	NM_001289650
<b>Insert Size:</b>	702 bp



<b>OTI Disclaimer:</b>	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).
<b>OTI Annotation:</b>	Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
<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>Note:</b>	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
<b>RefSeq:</b>	<a href="#">NM_001289650.1</a> , <a href="#">NP_001276579.1</a>
<b>RefSeq Size:</b>	1441 bp
<b>RefSeq ORF:</b>	702 bp
<b>Locus ID:</b>	170461
<b>UniProt ID:</b>	<a href="#">P59096</a>
<b>Cytogenetics:</b>	18 44.44 cM
<b>Gene Summary:</b>	May be involved in the intracellular transport of sterols or other lipids. May bind cholesterol or other sterols (By similarity).[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (4) differs in the 5' UTR, compared to variant 1. Variants 1, 2, 3, and 4 encode the same protein.