

Product datasheet for **MC204831**

Stard5 (NM_023377) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Stard5 (NM_023377) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Stard5
Synonyms:	2310058G22Rik; AI607880; D7Ertd152e
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >BC058226
 GCTGGGAGCTGCACGTTGGCGGAATGGACCCGTCTGGGCCACGCAAGAGAGTGAGGCGGTGGCAGAGA
 AGGTGCTCCGGTACCGGCGGGACGCGTCGGGCTGGAAGAAGTGTGCGGAAGGCAATGGAGTTTCAATTC
 CTGGAGGCCATCTGAGGAGTTTCCAGGGAATCTGTACCGAGGAGAAGGGATTCTGTGTGGACACCAGAA
 GAGGTGTGGGATTGCATAAAGCCAGTTGCTTCGGGCCTCCGGGAGAAGTGGGATGATAATGTGAGCAGCT
 TTGAAATTGTCCAGAGCATCACGGATATGCTGTGTGTGAGCAGAACCTCCACGCCCTCAGTGCCATGAA
 GCTTATTTCTCCAGGGACTTTGTGGACTTGGTCTGGTGAAGAAGTATGAGGATGGCACCATCAGCTCC
 AATGCTACCCATGTGGAACATCCATTGTGTCCCCCAAAGCCCGTTTTGTGAGAGGATTTAACCATCCAT
 GCGGGTGCTTCTGTGAACCACTGCCAGGGATCCCAACAAAACCAACCTGGTCACATTCTTTCAGACAGA
 CCTGAGTGGCTACCTCCCTCAGAGTGTGGTGGACTCCTTCTTCCCTCGAAGCATGGCTGAGTTCTACCCC
 AACCTTCAGAAGGCAGTGAGGAAGTTCCATCACTGACAGTCGCCTATTGGCAGGGATTGCCTATGGTCT
 TCAGGAACTCCAGCTGTTGAGCCTCAAAGGACACGGAAGAGCTGCTGAGGCCTTTTGAGATGCCATAGTT
 AACAGCAAATCTCAGGGTCCATTCCAGAGGAGCAGCCATCCCCCACACCACCCTCCGTCTCTTGGG
 CTTGGTGTGGAAGGAGCTAACCACTAGCTTGCCGTGGTGCACACATAGGCCTGGCAGGCCAGGGCAAGTC
 CCTCTATGGCCACCTGAGAGATGGCTCAGTACTCTTTGATTCTTGTGGTCCAGAGCCCTGTGTGCTGG
 TTGCTGTAAAGACACCTTGTCCCTGTGTGGGTCTTAAAGAATCATCATCCATTGTGGTTCGTAAGTCTGC
 TTCTCTGGCATCTGGAGTTCCAGACTCCTGTGTTCCCTTTCTGGATATGCTTTTGTATACAAATTTTT
 AGCACAAGACTTTCACTCTTTACAAAAGTGAACCTTGGAAAATGATGTTTTAAACCACAGGATAAGCCT
 TAAGGAAAAATACTTTCAATCTACCGTTTGTGATCTCTCCATCAGAAATCATCTCTTTCTATCTGTTTCT
 CCCTTTGTGGGTTAAGGTTACATCCCCATGAAACCGGCTTGAACCTGCCTCAGGCCAGTTTGTATCTTT
 GGAAGGAGTGTGAATCTTGTGGCCCCATGAGTGACTCTAGGCAGGCCAGCAGTTTCTGTGTGCATG
 CTAGACTCTGGGAGGTGAGCCCCATGGCATGTACCTCACTGTGCCCTCAGTCATCATGGTGAGGCAAGA
 ATGCTGGGGACTCCTGGCCCCCAGGCTTTGCTGCCATTAGGAAGGAGGGAAGAATGCTGTCTATGCTGT
 GCAAGTATGCACGCCTATTGTATCTGACACTGACCACAAGGTCTGCCATTCCTTTAGGGACAAGGGTTT
 CTCTTTAGCTTTCCAAATAAATTTAGATCCTTGCTTTCCATCAGATGGAGAAAGGAAAGATCTCTGCTGA
 CTGACACTGTCTCAGAGACACAGTACCCTCACAGTCCAGCTGCTCCCCTCTAGTAGCTTTTAATAATTT
 TAATAATCCCCTACTCTCTACCTTTGTTCTTCTCACTGTTGTTGGAGCAGCTTGGATTTAGTCAAAG
 GGCTCATTAGGACACAGCTTCATTTTGACGGGGCTTGTTCAGAATTTCCCGCAATCTCTATAGATCTGTC
 AGGTTTTCTGCTGCTGCCCTGTGCTGGGGTTGGATGCTGATCTCTTCTGTGGTTCTCTCTCTCTC
 TCT
 TATTTAGGATGTGATCCACCTTGGGATTTTGGAGACCAGCTTTCTCATTGGCCTTTGACTACCAAATAG
 GCTAGATTGGATGACCAACAATCCAGGACCAGTATCTTCTGCTTCCCAGGTCTGGAATTACACTTT
 GAATGCCACCGCATCTGGTCTTTTTCTTTTTTCTCCTTTTTCTTTCTTTCTTTTTCTTTTTCTTTCTT
 TTTGGTTGGTTGGTTGCTTGGTTGGTTTTATTTATGTTTTCTTCTGTCTCTGGAGATGAAGTTCAGGTG
 ACCATGCTTGCATGGCAAGCATTTTACTTACTGACAGCTGTTCCCCCGGCCCATACCTTCTCCTGTTA
 GATCAAATGTACCTTCTATTAACCTGATAGATTGATATAAATGGAAAAAAAAAAAAAAAAAAAAAAAAAAAA
 AA

- Restriction Sites:** RsrII-NotI
- ACCN:** NM_023377
- Insert Size:** 642 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:

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: [BC058226](#), [AAH58226](#)

RefSeq Size: 2500 bp

RefSeq ORF: 642 bp

Locus ID: 170460

UniProt ID: [Q9EPQ7](#)

Cytogenetics: 7 47.43 cM

Gene Summary: May be involved in the intracellular transport of sterols or other lipids. May bind cholesterol or other sterols.[UniProtKB/Swiss-Prot Function]