

## Product datasheet for RN210290

### Stard13 (NM\_001109060) Rat Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Stard13 (NM\_001109060) Rat Untagged Clone  
**Tag:** Tag Free  
**Symbol:** Stard13  
**Synonyms:** RGD1564816  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**Cell Selection:** Neomycin  
**Fully Sequenced ORF:** >RN210290 representing NM\_001109060  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGTTTCAGTCAGGTGCCAGGACGCCGGCTGCAGGCTGCTACTGTCTAAATCCCTTGACACCTGAGAGCC  
 AGGAGATGTAAGTTCGATTTGATCAGACTGCCAGACGCTCTCCCTACAGGATGAGCCGGATCCTAGCGCG  
 CCATCACCTAGTACTAAAATTCAGCAAGAAATCGAGGCGAAGGAAGCATGTGACTGGCTGCGAGCTGCC  
 GGGTCCCACAGTACGCTCAGCTGTATGAAGATTCGCAGTTTCCCATCAACATTGCGGCTGTCAAAAAAG  
 ACCATGATTTTCTTAAAAGGGACCTTGTAGAACCTCTTTCGAGACGACTTAATACGTTGAACAAGTGTGC  
 CTCAATGAGACTTGATGTGAACCTTCAAAGGAAAAAGGGCGACGACTCAGATGAGGAAGACCTGTGCATC  
 AGCAACAATGGACTTTCCAGAGAACCAGCCGAGGTGGTCCCCTGTGGATGACCTGCATCCGCTCCTCC  
 CCGGGCAGACAGAAACGGTCCCAGGAGGCCCTAGGATGAGAAACACGGCCAGCAGTAAAGCGTGTCT  
 CACAGATCTGAGCGAGCCTGAGGTCTGCTCCATCCACAGCGAAAGCAGCGGAGGCAGCGACGGCCGCGG  
 CAATCGGGCATCATTTTGTGTGATGGCAGCCTGTGCTGGAGGGCACCCCTAGTCGGTGGCAGCCTCCCG  
 AGTCTCCCCGAGACAGTCTCAGCCAGTCTTTTACCCCAAGAATGAGAAACCCACCAGGACCAGGGCCAA  
 GTCATTTCTGAGACGCATGGATACCCTGAGAGTGAAGGGAGCACTCGGGAGGCATAAGGGACCAGGGCGA  
 ACAGGAGGCCTCGTTATCAGCAGGCCATGCTGCAGCAGGAGCCAGAGTCCCTTAAAGACCATGCAGCATG  
 TCCAGATACCAACGGAGATCTGCAGACCTCACCACAGCTGCCTGCAAGAAAGGCCTTCCAGGCTCCAG  
 TAAATCAAGCGGTGAGAACAGCCCTTGGAGAGCAGCCGTGTGAGCACCCCATGTATGAAGGAACGCAAG  
 TGCCAACACGAGGCCAACAGCGCGGTGGCATGTACCTGGAGGACCTGGATGTGCTGGCAGGACGACAT  
 TACCAGACACAGGGGACCAAAACACATACACGGGTTTCACTCGAAGAGAACCTGGTGGTCCATGTTCC  
 CAAGGATCACAACCAGGAACATTTCCCAAGGCACTGTCTATAGAAAGCCTCTCGCCACAGACAGCAGC  
 AATGGGGTAACTGGAGGACTGGAGTATCTCCCTGGGCAAGGAGGACCTGGCATAAGGGAACTA  
 GACTCGTGTCTCCTGCCACAGGCGCAGAGTCAATCTATGACAAGTGCCAGCTCACATCTGTA  
 TGCCAGCACTGGAGATCTGTTGGACTTGGAGAAAGACGGGCTCCTTCCACAGCTGGATGACATTATACAG  
 CATGTCAATGGCATAAAGAGGTAGTGGATGACTGGTCAAGAAATATCTTGCCTGAACTGCAAAAGTCACG



[View online »](#)

ATGCAGTGGCAGGGGACCCTGGTCAACCCCATTTTCAGTCTCCTCATCAGATCACTTTAGATTTTGAAGG  
 CAACTCTGTCTCGGAAGGTCAGACAACACCTAGTGATGTGAAAGGGACAGGACTTCTCTGAATGAATCG  
 GACACCACTGGGGTCAGAGAAAGAAGGGATTCTGGTGTGGGGCCTCTCTGACCAGGCCAAACAGGGCGC  
 TAAGGTGGAGTAGCTTCCAGCTCTCACACCAGCCTCAGCTGTCTCCGGCCACGCCCCACATCAGCAGCCA  
 GACGGCCGCCAGCTGAACCTGCTCCAGCGTTTTCTCTGCTTCGCCTCACAGCCATCATGGAGAAGTAC  
 TCCATGTCCAACAAGCACGGCTGGACCTGGTCCGTCCTCAAGTTCATGAAGAGAATCAAAGCTCCTGACT  
 ACAGAGACAAGGCTGTCTTCGGTGTCCCGCTCATAGTCCATGTCCAGAGAACAGGACAGCCCTGCCTCA  
 GAGCATCAACAAGCACTGAGGTATCTACGTAGCAACTGTCTGGATCAGGTGGGTCTTTCCGAAAAGTCG  
 GGAGTGAAGTCTCGAATCCATGCCTACGTCAGATGAATGAGAACTTCCCTGACAACGTGAGCTATGAAG  
 ACCAGTCTGCCTATGACGTGGCAGATATGGTAAAGCAGTCTTCCGGGACCTCCCTGAGCCCTTTTTCAC  
 CAACAAGCTCAGTGAGACCTTCTCCACATCTATCAGTACGTCCCAAAGAACAGCGGCTGCAGGCCGTG  
 CAGGCAGCCATCCTCTGCTGGCGGATGAGAACCAGGGAGGCCCTGCAGACGCTCCTGTGCTTCTGCATG  
 ACGTAGTGAAGTGGTGGACGAGAATCAGATGACGCCATGAATCTGGCCGTGTGCCTGGCCCCCTCCCT  
 CTTTCATCTCAACTTGTGAAAAAAGAAAGTCCCAAGAGTCATCCAGAAGAAATACGCCACTGGGAAG  
 CCAGATCAGAAAGACCTCAATGAAAATCTAGCCGACGCTCAGGGGCTCGCCACATGATCAGGAATGCA  
 ACCGACTCTTCGAGGTTCCACACGAGATGGTGGCCAGTCTCGTAACTCCTACTTAGAGGCTGAGATCCA  
 CGCGCCAGCCTAGAAGACTTGGGAACCTCAGCTGGCAGAGAATGGGGCAACTTTTTCACACGTACCTGGAG  
 CATCTTGTCCAAGGCCTCCAGAAAGAGGCTAAGGAGAAATTAAGGGGTGGGTACGTTCCAGCCCTG  
 ACAACACGGACCTTGCTTTCAAAAAGGTGGGGACGGGAACCCGCTGAAGCTGTGGAAGGCATCCGTGGA  
 GGTGGAGGCACCGCCCTCCGTGGTGTGAACCCGCTGCTGAGAGAACGTCACCTGTGGATGAGGATTTT  
 GTGAGTGAAGTGTGGAACGTTGGACAGACAGACAGAAATATACCAGTATGTGCTAAACAGCATGG  
 TTCCACACCCCTCCAGAGACTTCGTGGTGTCTCAGGACCTGGAAGACCGATTTGCCAAAGGAATGTGCAC  
 CCTGGTGTCCCTGTCTGTGGAGCATGAAGAAGCCAGCTCATGGTGGTGTGCGGGCGGTGGTGTGAGC  
 TCTCAGTACCTGATAGAGCCCTGTGGCTCCGGCAAGTCCAGGCTGACCCACATCTGCAGGATAGACCTGA  
 AAGGCCACTCCCCAGAATGGTACAGCAAAGGCTTCGGACACCTCTGTGCCGAGAAGTTGCCAGAATTAG  
 GAACTCTTTCCAGCCTCTCGTTGCTGAGGGTCCAGAAACAAAATCTAA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** Sgfl-MluI
- ACCN:** NM\_001109060
- Insert Size:** 3339 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:** [NM\\_001109060.1](#), [NP\\_001102530.1](#)

RefSeq Size: 5529 bp  
RefSeq ORF: 3339 bp  
Locus ID: 498130  
Cytogenetics: 12p12