

## Product datasheet for **SC126993**

### START domain containing 7 (STARD7) (NM\_139267) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	START domain containing 7 (STARD7) (NM_139267) Human Untagged Clone
Tag:	Tag Free
Symbol:	START domain containing 7
Synonyms:	GTT1; StAR-related lipid transfer (START) domain containing 7; START domain containing 7
Mammalian Cell Selection:	None
Vector:	<u><a href="#">pCMV6-XL5</a></u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>NCBI ORF sequence for NM_139267, the custom clone sequence may differ by one or more nucleotides

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ATGGCGGCGTTAGCCGGCGTCTTCGTTTGGGACGAGGAGAGGATCCAGGAGGAGGAGTTGCAGAGATCTA  
TTAATGAGATGAAGCGGTTGGAAGAAATGTCAAATATGTTTCAGAGCTCTGGAGTCCAGCACCACCTCC  
AGAACCAAAGCCCAAACAGAAGGGAATGAAGATTCAGAGGGCAAAGAGCAACGTTGGGAAATGGTGATG  
GATAAGAAACACTTTAAGCTGTGGCGGCGCCAATTACAGGCACCCACCTTTACCAGTACCGAGTTTTTG  
GAACCTACACAGATGTGACACCTCGGCAGTCTTCAATGTTTCAGCTGGACACAGAGTATAGAAAAAATG  
GGATGCCCTGGTAATCAAGCTGGAGGTGATTGAGAGGGATGTGGTTAGTGGTCCGAGGTTCTTCACTGG  
GTAACCCATTTTCCTTATCCAATGTACTCACGGGATTATGTTTATGTTTCGGCGGTATAGTGTGGATCAGG  
AAAACAACATGATGGTGTGGTGTGCGGTGCTGTGGAGCATCCGAGTGTGCCAGAGTCTCCAGAATTCGT  
CAGGGTACAGATCATATGAATCCCAAATGTTTATCCGTCCCAAGTCAATTTGATGAGAATGGCTTTGAC  
TACTTACTAACATACAGTGACAATCCCCAACGGTGTTCCTCGCTACTGTGTTAGTTGGATGGTTTCCA  
GTGGCATGCCAGATTTCTGGAGAAGCTGCACATGGCCACTCTGAAAGCCAAGAAATATGGAGATTAAGT  
AAAGGACTACATCTCAGCTAAGCCTCTGGAAATGAGTAGTGAAGCCAAGGCCACCAGCCAGTCTCTGAG  
CGAAAGAACGAGGCGAGCTGTGGCCCTGCTCGGATTGAGTATGCTTGA
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<b>5' Read Nucleotide Sequence:</b>	<p>&gt;OriGene 5' read for NM_139267 unedited</p> <pre> TTTGTAAATACGACTCACTATAGGGCGGCCGCAATTCGGCACGAGGGCGTGCTGCTGGGC CTGAGCTGTCTGTCTCGTTTTCTGTCGCGCGCCCTGCATCCCGGCCCGGGCGCCCGCTG GAGGTCGCGGAGGAGCCACAGGGCTGACTGGTCTGCTGCCGGGGCCAGGAGTGCCTGGT GTAGCAGTCGCGGAGCCATCCCGCGTCTGCTGCCATGACCGACTCTCCCTCAGAGGAG ACTCTTCTCAGCGGTGGCTGCAGAGACAGATGAGCGGGGCTCCTGGCCGCGGGACCGT GAGACGGGTTTCGTGGCCGCCATTTAGGGGGACGCTGCGACCACCGCCTGCGCCCTCCG GACTGGTTCCCTTGGGCCCGGAAGCTCGCGGCGGGCCCTGCGGGAGGCGGCATGCTCCCG CGGAGGCTGCTGGCCGCTGGCTGGCGGGGACGCGGGGCGGGGGCCTGCTGGCGTTCTG GCCAATCAGTGCCGCTTCGTACGGGCTGCGCGTGCGCGCGCGCAGCAGATCGCGCAG CTCTACGGCCGCTCTACTCCGAGAGCTCACGCCGCTTCTCCTCGGCCGCTCTGGCGC CGGCTGCACGGCCGCTCTGGCCATGCCTCTGCCTTGATGGCGGCTTAGCCGGCTTTC GTTTGGGACGAGGAGGATCCAGGAGGAGGTGCAGAGATCTATTAATGAGATGAAG CGGTTGGAAGAAATGTCAAATATGTTTCAGAGCTNCTGGAGTNCAGCACCCCTTCA AACCAAAGCCNAACAGAAGGNATGAAGATTCANAGGGGCAAGAGCACGTGGGAAATG GGGATGGGATAAAAACACTTTAGCTGTGGCGGCCCAATACAGGCACCN </pre>
<b>3' Read Nucleotide Sequence:</b>	<p>&gt;OriGene 3' read for NM_139267 unedited</p> <pre> AGCTATGGACCGCGCACGCAATCTAGAGTCGAGTTTTTTTTTTTTTTTTTTGTACCAAT CTTTATGTATTTATTCACACATTTGATAAAAATGTCACAGTTAGGAGTGAATCATTACA ATGACATGAGTAAGTGTACAGACAGACCCCAAGTGCAGAATCAAATGGCCCTAAGTCAGA ACATGGAGCAACCGCAACTCCTTCGCACTTGTGCATGTGTGTGCGCTCGCAGACGCACAC ACACACACACATATTCTCTCTCTCTTATGCACACATCCATCCACATCCCAACAATTGC AGGTGCTAAGTTTGGACATAACCCAGGGACTTCCCTGACTTCTGTGAGTCTCTGGAAA GAAGAAGTAATAAATGAAAAGCAGCTGGGACTGCTCGATGCATCTCTCTCTTCCAAACA TGACGCGGAGAAGGCAAGACATACACTGGGGCAGCTACTTCTTGGCACAAAAATGAACA GGCAACAAGAAGGTCAAGGAAGTGTAAAGTTAGTCTCAAGTTTAAACCCTTTTCAACA CCACAAAACAGTAGCAAGCAGGAAAAAACAACAAAACAAAACAAAACAAAACCTTGGCCCT CAAGACTCCAGAAAAAGGGAAGGAGGAGATTTAAACTTGATCCCTATTATTCTAACA AATTGCAGCATGACCATAAGCAAAACCAGCTCGGTCAAACGACAGCATCAGATTGTGAC CTTATCTGAACAGTGTAGTTCACTTTTATTTGGCTCTGAAGAGAGAAGAAAAACTTCTA GAGAACTTAATGTAACATAAACAAATCTNCTGATTAGTATTTGAGACAGATTACTCTTG CATCACACAGCTGTCTGTAATCTGAGAGCTCAGGGAGTGNCAGCCCATTCCTGACTT TACCTTCTGAAGAACAGTCAACCTGATATGAAAATATACTGATCAAATGGGTTTCTATCA TCGC </pre>
<b>Restriction Sites:</b>	NotI-NotI
<b>ACCN:</b>	NM_139267
<b>Insert Size:</b>	3750 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>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).

**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\\_139267.1](#), [NP\\_644672.1](#)

**RefSeq Size:** 3175 bp

**RefSeq ORF:** 888 bp

**Locus ID:** 56910

**Cytogenetics:** 2q11.2

**Domains:** START

**Gene Summary:** May play a protective role in mucosal tissues by preventing exaggerated allergic responses. [UniProtKB/Swiss-Prot Function]  
Transcript Variant: This variant (2) lacks a nt segment in the 5' UTR as compared to variant 1.