

Product datasheet for SC111962

START domain containing 7 (STARD7) (NM_020151) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	START domain containing 7 (STARD7) (NM_020151) Human Untagged Clone
Tag:	Tag Free
Symbol:	START domain containing 7
Synonyms:	FAME2; GTT1
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF within SC111962 sequence for NM_020151 edited (data generated by NextGen Sequencing)

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ATGCTCCCGCGGAGGCTGCTGGCCGCTGGCTGGCGGGACGCGGGCGGGGCCTGCTG
GCGCTTCTGGCCAATCAGTGCCGCTTCGTACGGGCTGCGCGTGCAGCGCGCAGCAG
ATCGCGCAGCTCTACGGCCGCTCTACTCCGAGAGCTCACGCCGCTTCTCCTCGGCCG
CTCTGGCGCCGGCTGCACGGCCGCTCTGGCCATGCCTCTGCCTTGATGGCGCGTTAGCC
GGCGTCTTCGTTTGGGACGAGGAGAGGATCCAGGAGGAGGAGTTGCAGAGATCTATTAAT
GAGATGAAGCGGTTGGAAGAAATGTCAAATATGTTTCAGAGCTCTGGAGTCCAGCACCAC
CCTCCAGAACAAAAGCCAAACAGAAGGAATGAAGATTCAGAGGGCAAAGAGCAACGT
TGGGAAATGGTGTGATAAGAAACACTTTAAGCTGTGGCGGCCCAATTACAGGCACC
CACCTTTACAGTACCGAGTTTTTGAACCTACACAGATGTGACACCTCGGCAGTTCTTC
AATGTTACAGTGGACACAGAGTATAGAAAAAATGGGATGCCCTGGTAATCAAGCTGGAG
GTGATTGAGAGGGATGTGTTAGTGGTTCCGAGTTCTTCACTGGGTAACCCATTTTCT
TATCCAATGTACTCACGGGATTATGTTTATGTTTCGGCGGTATAGTGTGGATCAGGAAAAC
AACATGATGGTGTGGTGTGCGGTGCTGTGGAGCATCCGAGTGTGCCAGAGTCTCCAGAA
TTCGTACAGGTCAGATCATATGAATCCCAAATGTTTATCCGTCCCACAAGTCATTTGAT
GAGAATGGCTTTGACTACTTACTAACATACAGTGACAATCCCAAACGGTGTTCCTCGC
TACTGTGTTAGTTGGATGGTTTCCAGTGGCATGCCAGATTTCTTGAGAAGCTGCACATG
GCCACTCTGAAAGCCAAGAATATGGAGATTAAGTAAAGGACTACATCTCAGCTAAGCCT
CTGGAATGAGTAGTGAAGCCAAGGCCACCAGCCAGTCTCTGAGCGAAAAGAACGAGGGC
AGCTGTGGCCCTGCTCGATTGAGTATGCTTGA

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Clone variation with respect to NM_020151.3



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5' Read Nucleotide Sequence:

```
>OriGene 5' read for NM_020151 unedited
CGGATTTTGTATACGACTCCTATAGGGCGGCCGGAATTCGCACGAGGGCCTGGTGTAGC
AGTCGCGGAGCCATCCCGCGTCTGCTGCCATGACCGACTCTCCCTCAGAGGAGACTCT
TCCTCAGCGGTGGCTGCAGAGACAGATGAGCGGCGGCTCCTGGCCGCGGGACCGTGAGAC
GGGTTTCGTGGCCGGCCATTTAGGGGACGCTGCGACCACCGCCTGCGCCCTCCGGACTG
GTTCTTGGGCCCCGAAGCTCGCGGGGACGCGGGGGGGGCTGCTGGCGCTTCTGGCCAA
GCTGCTGGCCGCTGGCTGGCGGGGACGCGGGGGGGGCTGCTGGCGCTTCTGGCCAA
TCAGTGGCGCTTCGTACGGGCCTGCGCGTGCAGCGCGCAGCAGATCGCGCAGCTCTA
CGGCCGCTCTACTCCGAGAGCTCACGCGCGTTCCTCGGCCGCTCTGGCGCCGGCT
GCACGGCCGCTCCTGGCCATGCCTCTGCCTTGATGGCGGGTTAGCCGGCGTCTTCGTTTG
GGACGAGGAGAGGATCCAGGAGGAGGTTGCAGAGATCTATTAATGAGATGAAGCGTT
GGAAGAAATGTCAAATATGTTTCAGAGCTCTGGAGTCCAGCACCCCTCCAGAACCAA
AGCCAAACAGAAAGGAATGAAGATTAGAGGGCAAAGAGCAACGTTGGGAAATGGTGT
GGATAAGAAACACTNTAAGCTGTGGCGGCCATTACAGGCACCCCTTACCAGTACC
GAGTTTTGGAACCTCACAGATGTACACCTCGGGCAGTTCATGTTTCAGCTGACACAGA
GATAGAAAAATGGGATGCCCTGGTATCAGCTGGG
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3' Read Nucleotide Sequence:

```
>OriGene 3' read for NM_020151 unedited
CCGCGGGCCGCAATCTAAAGTCGAGTTNTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTGG
CCAATCTTTATGTATTTATTCACACATTTGATAAAAATGTCACAGTTAGGAGTGAATCA
TTACAATGACATGAGTAAGTGTACAGACAGACCCCAAGTGCAGAATCAAATTGCCCTAAG
TCAAAAACATGGAGCAACCGCAATCCTTTGCACTTGTGCATGTGTGCGCTCGCAGACG
CACACACACACACATATTCTTTTTTTTTTTATGCACACATCCATTACATCCCAACA
ATTGCAGGTGCTAAGTTTGGACATAACCCAGGGACTCTTCCCTGACTTCTGTCAGGGCCT
GGAAAGAAGAAGTAATAAATGAAAAGCAGCTGGGACTGCTCGATGCATCTCTCCTTTTC
AACAAATGACGCGGAGAAGGCAAGACATACACTGGGGCAGTACCTTCTTGGCACAAAAA
TGAACAGGCAACAAGAAGGTCAAGGAAGTGTAAAGTTAGTCTCAGGTTTAAACCACTTT
TTAACACCACAAAAACAGTAGCCAGCCGGGGAAAAAAAACCAAAACCAACCAAAATCTCTG
GCCCTCAAGACTCCGAAAAAAGGAAGGAGGAGGATTTAAACCTTGATCCCTTTTATTTTA
ACAAATTGCAGCATGACCCTTAGCAAAACAGCTTGGGCAAACCGACAGCATCAGATTGG
GGCCCTTTCTGAAAAGGGGTATTCACTTTTATTTGGCTCCGAAAAAAGGAAAAAACTTTT
TTAAGAACTTAAGGGAACTAAACAAATTTCCCTGTATTAATTTTAAAAAAATTACTT
TTTGCTTTCACCGGTTGGTTGAAAACGAAACCCAGGGAGGGCCACCCCTTCTTGGAT
TT
```

Restriction Sites:

NotI-NotI

ACCN:

NM_020151

Insert Size:

3460 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_020151.2](#), [NP_064536.1](#)

RefSeq Size: 3385 bp

RefSeq ORF: 888 bp

Locus ID: 56910

UniProt ID: [Q9NQZ5](#)

Cytogenetics: 2q11.2

Domains: START

Gene Summary: May play a protective role in mucosal tissues by preventing exaggerated allergic responses.
[UniProtKB/Swiss-Prot Function]