

Product datasheet for **SC208177**

STARD5 (NM_181900) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	STARD5 (NM_181900) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	STARD5
ACCN:	NM_181900
Insert Size:	2000 bp



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Insert Sequence: >SC208177 3'UTR clone of NM_181900
 The sequence shown below is from the reference sequence of NM_181900. The complete sequence of this clone may contain minor differences, such as SNPs.
 Blue=Stop Codon Red=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
CAGAAAGCAGTGAAGCAATTCATGAGTAATGCTATCGTTACTTCTGGCAAAGAACTCCCGTGACTCA
TCGAGGAGCTCCAGCTGTTGGGACACCAAGGAGCCTGGGAGCACGAGAGCCTGTGTTCACTCTTTGG
AACAAAGCTGATGGACTGCGCATCTCTGAGAATGCCAACAGAGGCGGCAGCCACCCTTCTGCCTCCT
GCCCCACTCAGGGTTGGCGTGTGATGAGCCATTATGTGTTCCAACTCCATCTGCCTGTTACCCAAAC
ACGCTCTCTGGCAGGGTAGACCCAGGCCTCTAACCATCTGACAGAGACTCGGCCTGGACACCATGCG
ATGCACCTGGCACCAAGGCTTTATGTGCCATCACTCTCAGAGACCACGTTTCCCTGACTGTCATAGA
GAATCATCATCGCCACTGAAAACCAGGCCCTGTTGCCTTTAAGCATGTACCGCTCCCTCAGTCTGTG
CTGCAGCCCCCAATATATTTTTCTGATATAGACCTTGTATATGGCTTAAATGCCGCAAAATTTTAT
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TTTCAATGTGTCTTCCATTTGATGAATTTGTTTTCTCTCTTTATCCCCGCAAGGTGGAGTTTCATGTC
CTCGGTGAAACCAGACAGTGTGAATCTGTTCCAGCCAAATCTGCAGCATTAGGGATGAGTTCTCAGAA
GTGATTCTGAACTGAGCACGCACTCATGTCTGCATGGGAACTCTGGGAGAAGAGCCTTCTTTTCTT
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ACTGGTCAAGCCCTGGATGAGGAGCTGGAAAACATGCATCCAGTCCAAGCTCTGCCACTTGGCCAAAG
TGTGCTTTGAACAGTCACTTAATATATCTGCTTTGATTTGTCTTTAAAGAAAAATGGAGGCAGGAA
TACCAGTGTAGTGTAGCCTGCTTCTTGTGTTGGCACAAGTGAATAATGTATGAATCAGTAAAAAT
ACGCGT AAGCGGCCGCGGCATCTAGATTGCAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
  
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Restriction Sites: SgfI-MluI

OTI Disclaimer: Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences, e.g., single nucleotide polymorphisms (SNPs).

Components: The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.

RefSeq: [NM_181900.3](#)

Summary: Proteins containing a steroidogenic acute regulatory-related lipid transfer (START) domain are often involved in the trafficking of lipids and cholesterol between diverse intracellular membranes. This gene is a member of the StarD subfamily that encodes START-related lipid transfer proteins. The protein encoded by this gene is a cholesterol transporter and is also able to bind and transport other sterol-derived molecules related to the cholesterol/bile acid biosynthetic pathways such as 25-hydroxycholesterol. Its expression is upregulated during endoplasmic reticulum (ER) stress. The protein is thought to act as a cytosolic sterol transporter that moves cholesterol between intracellular membranes such as from the cytoplasm to the ER and from the ER to the Golgi apparatus. Alternative splicing of this gene produces multiple transcript variants. [provided by RefSeq, Jan 2016]

Locus ID: 80765

MW: 75