

Product datasheet for **SC320815**

STARD3NL (NM_032016) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	STARD3NL (NM_032016) Human Untagged Clone
Tag:	Tag Free
Symbol:	STARD3NL
Synonyms:	MENTHO
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC (PS100020)
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF:	>OriGene sequence for NM_032016.2 <pre> AGCCTGGGGCGGCCGCCAGGAACCCGTTAAGGTGTCTTCTTTAGGGATGGTGAG GTTGGAAAAAGGCTCCTGTAACCTCCTCCAGGATGAACACCTGCCAGAAGACATGGAG AACGCTCTCACCAGGAGCCAGAGCTCCCATGCTTCTCTGCGCAATATCCATTCCATCAAC CCCACACAACCTCATGGCCAGGATTGAGTCCTATGAAGGAAGGGAAAAGAAAGGCATATCT GATGTCAGGAGGACTTTCTGTTTGTGTCACCTTTGACCTCTTATTCGTAACATTACTG TGGATAATAGAGTTAAATGTGAATGGAGGCATTGAGAACACATTAGAGAAGGAGGTGATG CAGTATGACTACTATTCTTCATATTTTGATATATTTCTTCTGGCAGTTTTTCGATTAA GTGTTAATACTTGCATATGCTGTGTGCAGACTGCGCCATTGGTGGGCAATAGCGTTGACA ACGGCAGTGACCAGTGCCTTTTTACTAGCAAAAGTGATCCTTTTGAAGCTTTTCTCTCAA GGGGCTTTTGGCTATGTGCTGCCCATCATTTTCATTATCCTTGCCTGGATTGAGACGTGG TTCCTGGATTTCAAAGTGTACCTCAAGAAGCAGAAGAAGAAAACAGACTCCTGATAGTT CAGGATGCTTCAGAGAGGCGAGCACTTATACCTGGTGGTCTTTCTGATGGTCAGTTTTAT TCCCTCTCTGAATCCGAAGCAGGATCTGAAGAAGCTGAAGAAAAACAGGACAGTGAGAAA CCACTTTTAGAACTATGAGTACTACTTTTGTAAATGTGAAAAACCTCAGAGAAAGTCA TCGAGGCAAAAAGAGGCAGGCAGTGGAGTCTCCCTGTGACAGTAAAGTTGAAATGGTGA CGTCCACTGCTGGCTTTATTGAACAGCTAATAAAGATTTATTTATTGTAATACCTCACAG ACGTTGCACCATATCCATGCACATTTAGTTGCCTGCCTGTGGCTGGTAAGGTAATGTCAT GATTATCCTCTCTTCAGTGAGACTGAGCCTGATGTGTTAACAATAAGGTGAAGAAAGTC TTGTGCTGTATTCTTAATCAAAAGACTTAATATATTGAAGTAACACTTTTTTAGTAAGCA AGATACCTTTTTATTCAATTCACAGAAATGGAATTTTTTGTTCATGTCTCAGATTTAT TTTGATTTCTTTTTAACACTCTACATTTCCCTTGTTTTTAACTCATGCACATGTGCT CTTTGTACAGTTTTAAAAAGTGAATAAAATCTGACATGTCAATGTGGCTAGTTTTATTT TTCTTGTTTTGCATTATGTGTATGGCCTGAAGTGTGGACTTGCAAAAGGGGAAGAAAGG AATTGCGAATACATGTAAATGTCACCAGACATTTGTATTATTTTATCATGAAATCATG TTTTTCTCTGATTGTTCTGAAATGTTCTAAATACTCTTATTTTGAATGCACAAAATGACT TAAACCATTATCATGTTTCTTTGCGTTCAGCCAATTTCAATTAATGAATAAAT TAAAAAAAAAAAAAAAAAAAAAAAAAAAAA </pre>
Restriction Sites:	Please inquire
ACCN:	NM_032016
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).
OTI Annotation:	This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.
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:	<u>NM_032016.2, NP_114405.1</u>
RefSeq Size:	1646 bp
RefSeq ORF:	705 bp
Locus ID:	83930
UniProt ID:	<u>O95772</u>
Cytogenetics:	7p14.1
Protein Families:	Transmembrane
Gene Summary:	This gene encodes a late-endosomal protein that contains a conserved MENTAL (MLN64 N-terminal) domain. The encoded protein binds cholesterol molecules and may play a role in endosomal cholesterol transport through interactions with metastatic lymph node protein 64 (MLN64). [provided by RefSeq, Sep 2011]