

## Product datasheet for **SC122942**

### MOSPD3 (NM\_023948) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	MOSPD3 (NM_023948) Human Untagged Clone
Tag:	Tag Free
Symbol:	MOSPD3
Synonyms:	CDS3; NET30
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)

**Fully Sequenced ORF:** >OriGene sequence for NM\_023948 edited  
GCGGGTCCGAAGGAACCTGGGGCAGAGCTGGAAGAGGAAAGTCTTGGGGCCCTGGGCC  
TGGGCTCGGGGAGCCCCATCTAGCGGGTTCCAAGCGCGCGGCATCAGTCGAGGCC  
CTGCTCCGGGAGCTCATCTTGTCCCTTTGCCCCCTCACGCCCCCAGCTCTGACTCCAG  
GCCCTGTCCCCTGAGCTCTGCCCTCGGATGTCCGACCGCCAGAGCCTGCATGCGCCGTG  
GGGCGCCCCAGGACCAGGAGCTGGTGGTCCGGGGCCCCCTGGGCGGGGTCCCGGGGCG  
CCCCTCCTCCCTTGGGACCCGTTGTCCCGGTCCTGGTCTTCCCCCGGATCTAGTATTCA  
GGGCGGACCAGCGGAGCGGACCCCGACAGCTGCTGACCTCTATAACCCACAGGAACTG  
CGCTTCGCTTCCGAGTCTGTGCACAGCACCTGCCAAATACACGGTGTGGACGAGAGG  
GATATGTGAAGCCCCAGTCTTGATTGACATTGTATTGCCATGTGGCACCCATTCCCA  
GCCACTATGATGTCCAGGACCGCTTCCGCATTGAGCTGTCTGAGGAAGGAGCTGAGGGCC  
GAGTGGTGGGACCAAGGACATTACCTCCATTCTGAGAGCCCCAGCGTACCCCCTTGAGC  
TTCAGGGACAGCCAGATCCAGCGCTCGCCCAGGGCCTCCTGCTGGGACACCACCACCCA  
CGGCCAGACACTTCCAGGAGCACCCCGCCAGCAACTGGCCACCAGCTCCTTCTCTCTCT  
TCTTGCTGACGGGATTGTGTCTGTGGCCTTCTGCTGCTCCCACTCCCGGACGAACTCG  
GCAGCCAGCTGCCTCAAGTCTGCACGTCTCCCTGGGACAAAAGTTGGTGGCCGCTACG  
TCTTGGGCTCCTCACCATGGTGTCTCCCGACCTGAGCTCCGTGCTCAACCCAGCC  
CACCCACCCTCCCTGGGACGGTCTTGGGACGACCTGTGATGCTCATACTTACCTT  
GCCTCCTACCTCTTCTTTCTGCTACTCCCACTCCTCCCTGACAAAAAACACCCA  
GGGATTTGTACTCATTTTCCAAGTTGAATAAAATACATTTTTTAAATGATAAAAAAAA  
AAAAAAA



[View online »](#)

<b>5' Read Nucleotide Sequence:</b>	>OriGene 5' read for NM_023948 unedited GGGACTTGGATTTGTAACGATTTATATAGGGCGGCCGCGAATTCGCACGAGGGCGGGTCTCGAAGGAACCTGGGGCAGAGCTGGAAGAGGAAAGGTCTTGGGGCCCTGGGCCTGGGTCTGCGGGAGCCCCATCTAGCGGGTTCCAAGGCGGCGGGCATCAGTCGAGGCCCTGCTCCGGGAGCTCATCTGTCCCTTTCCGCCCTCACGCCCCCAGCTCTGACTCCAGGCCCTGTCCCCTGAGCTCTGCCCTCGGATGTCCGACCGCCAGAGCCTGCATGCGCCGTGGGGCGCCCAGGACCAGGAGCTGGTGGGTCCGGGGCCCCCTGGGCGGGGGTCCCGGGGCGCCCCTCCGCCCTTGGGACCCGTTGTCCCGGTCTGTCTTTCCCGGATCTAGTATTCAGGGCGGACCAGCGGAGCGGACCCGACAGCTGCTGACCCTCTATAACCCACAGGAACTGCGCTTCGCTTCCGAGTCTGTGCACAGCACCTGCCAAATACACGGTGTGACGCAGAGGGATATGTGAAGCCCCAGTCTTGCAATTGACATTGTGATTCGCCATGTGGCACCCATTCCAGCCACTATGATGTCCAGGACCGCTCCGCATTGAGCTGTCTGAGGAAGGAGCTGAGGGCCGAGTGGTGGGACGCAAGGACATTACCTCCATTCTGAGAGCCCCAGCGTACCCCTTGAGCTTCAGGNACAGCCAGATCCAGCGCCTCGCCAGGGCTCCTGCTGGGCACCACCACCCACGGCCAGACACTTCCAGGAGACCCCGCCAGCAACTGGCCACCAGCNTCTTCTCCTTTCTGCTGACGGGGATTGTGTCTGTGGCCTTCTGCTTCCACTCCCGAGAACTCGCAGCCAGCTGA
<b>Restriction Sites:</b>	Please inquire
<b>ACCN:</b>	NM_023948
<b>Insert Size:</b>	1150 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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"> <li>1. Centrifuge at 5,000xg for 5min.</li> <li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li> <li>3. Close the tube and incubate for 10 minutes at room temperature.</li> <li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li> <li>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.</li> </ol>
<b>RefSeq:</b>	<a href="#">NM_023948.3</a> , <a href="#">NP_076438.1</a>
<b>RefSeq Size:</b>	1205 bp
<b>RefSeq ORF:</b>	708 bp
<b>Locus ID:</b>	64598
<b>UniProt ID:</b>	<a href="#">O75425</a>
<b>Cytogenetics:</b>	7q22.1
<b>Protein Families:</b>	Transmembrane

**Gene Summary:**

This gene encodes a multi-pass membrane protein with a major sperm protein (MSP) domain. The deletion of a similar mouse gene is associated with defective cardiac development and neonatal lethality. Alternate transcriptional splice variants, encoding different isoforms, have been described. [provided by RefSeq, Jul 2008]

Transcript Variant: This variant (1) represents the longest transcript and encodes the longer isoform (a). Variants 1, 2 and 3 encode the same isoform.