

## Product datasheet for **SC100613**

### MOSPD2 (NM\_152581) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	MOSPD2 (NM_152581) Human Untagged Clone
Tag:	Tag Free
Symbol:	MOSPD2
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>NCBI ORF sequence for NM_152581, the custom clone sequence may differ by one or more nucleotides

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ATGGCAGAGAATCACGCCAGAATAAAGCCAAGCTCATCTCTGAGACCCGGAGGAGTTTCAAGCTGAGT
ATGTGACAGATAAGTCAGATAAATATGATGCACGTGATGTTGAAAGGCTACAACAAGATGATAACTGGGT
TCAAAGTTACTTATCTTGGAGACATAATATTGTAGATGAAACACTGAAGATGCTCGATGAGAGTTTTTCAG
TGGAGGAAAGAAATTTCTGTCAATGACCTTAATGAATCCTCCATCCCAGATGGTTATTGGAAATTTGGT
TTATTTTATCTCCATGGTTATGACAAAGAAGGTAACAAATGTTCTGGATCAGGGTGAAGTATCATGTAAA
AGACCAGAAAACCATATTGGACAAAAAGAAGCTCATAGCATTCTGGTTGGAACGTTATGCTAAGAGGGAA
AATGGGAAACCTGTAACAGTGATGTTTGACCTGTCAGAACTGGAATAAATAGCATTGACATGGACTTTG
TACGCTTTTATCATCAACTGCTTTAAGGTTTATTACCCTAAATACCTCTCAAAAATAGTGATCTTTGATAT
GCCTTGGTTAATGAATGCTGCTTTCAAAATTGTGAAAACCTGGCTTGGTCCAGAAGCAGTGAGCTTGTG
AAGTTTACAAGCAAAAATGAAGTCCAGGACTATGTCAGTGTAAGTACCTGCCTCCCCACATGGGTGGAA
CTGATCCTTTCAAGTATAGCTATCCACCCTAGTAGATGATGACTTCCAGACCCACTGTGTGAGAATGG
GCCTATTACCAGTGAGGATGAACTTCAAGTAAAGAAGACATAGAAAGTATGGCAAGAAACATTGGAA
ACAATTTCTAATGAAGAACAACACCTCTTCTTAAAAAGATTAACCAACCGAATCTACTTCAAAGCAG
AAGAAAATGAAAAGTTGATTCAAAAGTAAAAGCTTTCAAGAAACATTGAGTGTATTTAAAGGCCCTT
ACTACACATCAGCCAGCAGAAGAACTGTACTTTGGAAGTACAGAATCCGGAGAGAAGAAAACCTTAATA
GTGTTGACAAATGTAATAAAAAATATAGTGGCATTAAAGGTGAGAACAACAGCTCCAGAAAAATACAGAG
TCAAGCCAAGCAATAGCAGCTGTGACCCGGGTGCATCAGTGGATATAGTTGTGTCTCCCCATGGGGGTTT
AACAGTCTCTGCCAAGACCGTTTTCTGATAATGGCTGCAGAAATGGAACAGTCACTGCGCACAGGCCCA
GCAGAATTAAGTCAAGTTTGGAAAGAAGTTCCAGAAAACAAAGTATGGAACATAGGTTAAGATGCCATA
CTGTTGAAAGCAGTAAACCAAACTCTTACGTTAAAAGACAATGCTTTCAATATGTCAGATAAAACCAG
TGAAGATATATGTCTACAACCTAGTCGTTTACTAGAAAGCAATAGGAAGCTTGAAGACCAAGTTCAAGC
TGTATCTGGTTCCAGCAGCTGCTGCTTTCTTAAACATGCTCTTGCTTTGCTTTTGTACCTCTTTCTTCT
ATTTATTGTACAGTTAA
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<b>5' Read Nucleotide Sequence:</b>	>OriGene 5' read for NM_152581 unedited GGGGGTTAGATTTGTATACGACTCCTATAGGGCGGCCGCAATTCGCACGAGAAGAGATA CTCGGTCCGGCGACGGTAGAACGGGCGACGGCGACAACCGCAATCACATCCACGACGGTGA TCATGGCAGAGAATCACGCCAGAATAAAGCCAAGCTCATCTCTGAGACCCGGAGGAGGT TCGAAGCTGAGTATGTGACAGATAAGTCAGATAAATATGATGCACGTGATGTTGAAAGGC TACAACAAGATGATAACTGGGTTGAAAGTTACTTATCTTGGAGACATAATATTGTAGATG AAACACTGAAGATGCTCGATGAGAGTTTTTCAGTGGAGGAAAGAAATTTCTGTCAATGACC TTAATGAATCCTCCATTCCAGATGGTTATTGGAAATTGGTGTATTATCTCCATGGTT ATGACAAAAGAAGGTAACAAATTGTTCTGGATCAGGGTGAAGTATCATGTAAAAGACCAGA AAACCATATTGGACAAAAAGAAGCTCATAGCATTCTGGTTGGAACGTTATGCTAAGAGGG AAAATGGGAAACCTGTAAACAGTGATGTTTGACCTGTCAGAACTGGAATAAATAGCATTG ACATGGACTTTGTACGCTTTATCATCAACTGCTTTAAGGTTTATTACCCTAAATACCTCT CAAAAATAGTGATCTTTGATATGCCTTGGTTAATGAATGCTGCTTTCAAATTTGAAAA CCTGGCTTGGTCCAGAAGCAGTGAGCTTGTGAAGTTTACAAGCAAAAATGAAGTCCAGG ACTATGTCAGTGTAGAATACCTGCCTNCCCACATGGGTGGAAGTATCCTTTTCAGTATAG CTATCCACCACTAGTAGATGATGACTTCCAGACCCCACTGTGTGAGAATGGGCCTATTAC CATG
<b>Restriction Sites:</b>	NotI-NotI
<b>ACCN:</b>	NM_152581
<b>Insert Size:</b>	2600 bp
<b>OTI Disclaimer:</b>	Due to the inherent nature of this plasmid, standard methods to replicate additional amounts of DNA in E. coli are highly likely to result in mutations and/or rearrangements. Therefore, OriGene does not guarantee the capability to replicate this plasmid DNA. Additional amounts of DNA can be purchased from OriGene with batch-specific, full-sequence verification at a reduced cost. Please contact our customer care team at <a href="mailto:custsupport@origene.com">custsupport@origene.com</a> or by calling 301.340.3188 option 3 for pricing and delivery.
	The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. <a href="#">More info</a>
<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_152581.1</a> , <a href="#">NP_689794.1</a>
<b>RefSeq Size:</b>	3219 bp

RefSeq ORF:	3219 bp
Locus ID:	158747
UniProt ID:	<a href="#">Q8NHP6</a>
Cytogenetics:	Xp22.2
Domains:	MSP_domain, SEC14
Protein Families:	Transmembrane
Gene Summary:	Promotes migration of primary monocytes and neutrophils, in response to various chemokines.[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (1) represents the longest transcript and encodes the longest isoform (1).