

Product datasheet for **SC102621**

MOSPD2 (BC030641) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	MOSPD2 (BC030641) Human Untagged Clone
Tag:	Tag Free
Symbol:	MOSPD2
Synonyms:	MGC26706
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Cell Selection:	None
Fully Sequenced ORF:	>NCBI ORF sequence for BC030641, the custom clone sequence may differ by one or more nucleotides

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ATGGCAGAGAATCAGGCCAGAATAAAGCCAAGCTCATCTCTGAGACCCGGAGGAGGTTCGAAGCTGAGT
ATGTGACAGATAAGTCAGATAAATATGATGCACGTGATGTTGAAAGGCTACAACAAGATGATAACTGGGT
TGAAAGTTACTTATCTTGGAGACATAAATTGTAGATGAAACACTGAAGATGCTCGATGAGATTTTTTCAG
TGGAGGAAAGAAATTTCTGTCAATGACCTTAATGAATCCTCCATTCCCAGATGGTTATTGGAATTTGGT
TTATTTATCTCCATGGTTATGACAAAGAAGGTAACAAATTGTTCTGGATCAGGGTGAAGTATCATGTAAA
AGACCAGAAAACCATATTGGACAAAAGAAGCTCATAGCATTCTGGTTGGAACGTTATGCTAAGAGGGAA
AATGGGAAACCTGTAACAGTGATGTTTGACCTGTGAGAACTGGAATAAATAGCATTGACATGGACTTTG
TACGCTTTATCATCAACTGCTTTAAGGTTTATTACCCTAAATACCTCTCAAAAATAGTGATCTTTGATAT
GCCTTGGTTAATGAATGCTGCTTTCAAAATTGTGAAAACCTGGCTTGGTCCAGAAGCAGTGAGCTTGTG
AAGTTTACAAGCAAAAATGAAGTCCAGGACTATGTCAGTGTAGAATACCTGCCTCCCACATGGGTGGAA
CTGATCCTTTCAAGTATAGCTATCCACCCTAGTAGATGACTTCCAGACCCCACTGTGTGAGAAATGG
GCCTATTACCAGTGAGGATGAAACTTCAAGTAAAGAAGACATAGAAAGTGATGGCAAAGAAACATTGGAA
ACAATTTCTAATGAAGAACAACACCTCTTCTTAAAAAGATTAACCCAACCGAATCTACTTCCAAGCAG
AAGAAAAATGAAAAGTTGATTCAAAAGTGAAGCTTTCAAGAAACCATTGAGTGTATTTAAAGGCCCTT
ACTACACATCAGCCCAGCAGAAGAACTGTACTTTGGAAGTACAGAATCCGGAGAGAAGAAAACTTAATA
GTGTTGACAAATGTAATAAATAATAGTGGCATTAAAGGTGAGAACAACAGCTCCAGAAAAATACAGAG
TCAAGCCAAGCAATAGCAGCTGTGACCCGGGTGCATCAGTGGATATAGTTGTGTCTCCCCATGGGGTTT
AACAGTCTCTGCCAAGACCGTTTTCTGATAATGGCTGCAGAAATGGAACAGTCTCTGGCACAGGCCCA
GCAGAATTAAGTCAAGTTTGGAAAGAAGTCCCAGAAACAAGTATGGAACATAGGTTAAGATGCCATA
CTGTTGAAAGCAGTAAACCAACACTCTTACGTTAAAAGACAATGCTTTCAATATGTCAGATAAAACCAG
TGAAGATATATGTCTACAACCTCAGTCGTTTACTAGAAAGCAATAGGAAGCTTGAAGACCAAGTTCAGCGT
TGTATCTGGTTCCAGCAGCTGCTGCTTTCCTTAAACAATGCTCTTGCTTTTGTACACCTTTTCTTCT
ATTTATTGTACAGTTAA
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5' Read Nucleotide Sequence:	<p>>OriGene 5' read for BC030641 unedited</p> <pre> NGGGGTTCTAGATTTGTATACGACTCATATAGGGCGGCCGCGATTTCGGCACGAGCCCCTCC CACCCCTTCTGTCTACCTCTGGGCGGGACTGCCGGGTGATGAGATACTCGGTCGGCGAC GGTAGAACGGGCGACGGCGACAACCGCAATCACATCCACGACGGTGATCATGGCAGAGAA TCACGCCCAGAATAAAGCCAAGTCTATCTCTGAGACCCGGAGGAGTTTGAAGCTGAGTA TGTGACAGATAAGTCAGATAAAATATGATGCACGTGATGTTGAAAGGCTACAACAAGATGA TAACTGGGTTGAAAGTTACTTATCTTGGAGACATAAATTTGTAGATGAAACACTGAAGT GCTCGATGAGAGTTTTTCAGTGGAGGAAAAGAAATTTCTGTCAATGACCTTAATGAATCCTC CATTCCCAGATGGTTATTGGAAATTGGTGTATTATCTCCATGGTTATGACAAAAGAAGG TAACAAATTGTTCTGGATCAGGGTGAAGTATCATGTAAGACCAGAAAACCATATTGGA CAAAAAGAAGCTCATAGCATTCTGGTTGGAACGTTATGCTAAGAGGGAAAATGGGAAACC TGTAACAGTGATGTTGACCTGTCAGAACTGGAATAAATAGCATTGACATGGACTTTGT ACGCTTTATCATCACTGCTTTAAGGTTTATTACCCTAAATACCTCTCANAAATAGTGAT CTTTGATATGCCTTGGTTAATGAATGCTGCTTTCAAAATTTGTAAGAACCTGGCTTGGTCC AGAAGCAGTGAGCTTTGTTGAGTTTACAAGCAAAAATGAAGTCCAGGACTATGTCAGTGT AGAATACCTGCCTCCACATGGGTGGAAGTATGCTTTTTCAGTATAGCTATCCCCACTAGT AC </pre>
3' Read Nucleotide Sequence:	<p>>OriGene 3' read for BC030641 unedited</p> <pre> NGGGTTCTACTATGNNACCGCGCCGCATNCNAGNGATCGATTTTTTTTTTTTTTTTTTTTGG TTTTACCCTTCTAGNACTCTAGTATTTTGAAATTTCTTGTGATGGGCTGACTTTTA CAGGGAACATTTTAAAATCTAAATTTTATTATCCTGCTTAGCATCTCAAACAACCTAACCTT TCAAAAAAATTTATCTAATACCTTTTCATTTAGAAATGAGGAGGGAGACAGTGCATTC ATGGTCCACAGAGACTCCTCTGCTCTGGAATGGGGTGAAGATGGGACAATAGAGGGTCA GGCCTTTATAATAAATTAGGCAAAAGGTTTCAGTGTCCAGCTATAGTGGACAACATGAAAC TCCATAAAAAATGACTGGATAGGGGGACTGCTTGAGACTTTTCTTTTGGGCATTACTAACA GAATTCAAAGAAATTCACACGCTTAGTTTTCCAAATTTCTACTGAAATGAGAGTGTTT ATAAAAAAGCCTGAGATTAATAAAAGGCAAGGCTGTTAAGGAACACTGAGAAAACAAGGT TAAGGTGGTTTGGCATTAAATCGGTTTACATTCAAAAGAATACTGACCATCACTGGGAG GAATTCCTCAAAATTACAAAGTCATGGTTACATAAATTCCTCTATATAAGTATGTTTTCTT TCTCAATATACATGTTCTTCTATATACATAGTATAGAAAAGCTAGTAAGTACAGCTCAGCT ATAATAATTCTGTCATAAAAAAGCAGATTACATTTTTTTGGCTGCAACAAAGCATGTTAC TTATACTTTTCAGTTTAGCTAAGGTTTTACACCATAAACTTAAGCTTTAAAGTTTCCGAT CAAAGGGAAAAATAATTATTTTTAACCTATTATTTACCCATGGATAGC </pre>
Restriction Sites:	NotI-NotI
ACCN:	BC030641
Insert Size:	3000 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: [BC030641.1](#), [AAH30641.1](#)

RefSeq Size: 3189 bp

RefSeq ORF: 3189 bp

Locus ID: 158747

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]