

Product datasheet for **MC218114**

Mospd2 (BC026425) Mouse Untagged Clone

Product data:

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| Product Type: | Expression Plasmids |
| Product Name: | Mospd2 (BC026425) Mouse Untagged Clone |
| Tag: | Tag Free |
| Symbol: | Mospd2 |
| Synonyms: | 2410013I23Rik |
| Vector: | pCMV6-Entry (PS100001) |
| E. coli Selection: | Kanamycin (25 ug/mL) |
| Cell Selection: | Neomycin |



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Fully Sequenced ORF: >BC026425
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGCCGAGAATAACGCTCAGAATAAAGCCAAGCTAATCTCAGAGACCCGCGGAGATTCGAAGCTGAGT
 ATGTGACAGAAAAGTCAGAAAAATATGATTCACGTGATGTTGAAAGGCTTCAGCAAGATGATAACTGGGT
 TGAAAGTTACTTATACTGGAGACATAACGTTGTGGATGAAACCCCTGAAGATGCTTGACGAGAGTTTTTCAG
 TGGAGGAAAGAGTTCTCTGTCAATGACCTTAGTGAATCCTCTATTCCAAGATGGTTATTAGAAGCTGGTG
 GTATTTATCTCCATGGTTATGACAAAGAAGGTAACAAATTATTCTGGATCAGAGTGAAGTATCACATAAA
 AGATCAGAAAACCATAATGGACAAGAAGAAGCTCATAGCATTCTGGTTGGAACGATATGCCAAGAGAGAA
 AACGGGAAACCTATCACAGTGATGTTTGACATGCCGAACTGGACTCAATAGCATAGACATGGACTTTG
 TACGATTTATCATCAACTGCTTTAAGGTGATTACCCCAATACCTCTCAAAAAAGTGATCTTTGATAT
 GCCTTGGATAATGAATGTGCTTTCAAAATGTGAAAAGCTGGCTTGGCCCCGAAGCAGTAAGCTTGTG
 AAGTTTACAAGTAAGAATGAAATCCAGGAGTATGTCAGTGTGGAATACCTGCCTCCACATGGGTGGGA
 CAGATCCATTCAAGTATAGCTACCCACCACTGGTAGATGACTTCCAGACACCACTTTGTGAAAAATGG
 GCCAATTGCCAGTGAGGATGAAACCTCAAGTAAGGAAGATATAGAAGGTGATGGTAAGGAAACCTTGAA
 ACGATTTCTAATGAGGAGCCATCAGCTCTGTCTGAAAAGAGTAACCCAAGTACTGAGTCTGTTTCAAAAAAG
 ATGAAAATGAAAAAGTTGATTCAAAGACGAAAACCTTTAAAAAGCATTGAGTGTTTTTAAAGGACCCCTT
 ATTACACATCAGCCAGCAGAGGAATTATTTTGAAGCATTGAATCTGGAGAGAAGAAAACCTGATA
 GTGTTGACAAATGTCACAAAAAATATTGGCCCTTAAAGGTGAGAACCACAGTCCAGAAAAATACAGGG
 TCAAGCTAGCAACAGCAGCTCGATCCCGGAGCTTCCATTGATATCATCGTTTCCACACGGAGGTTT
 AACCGTCTCAGCTCAAGACCGGTTCTGATCATGGCTGCCGAAATGGAGCAGTCACTGGCACTGGGCTT
 GCAGAAGTGAAGTCAAGTCTGAAAAGAGGTTCCAAGAAACAAGGTGATGGAGCACAGGCTAAGATGTCACA
 CCGTTGAGAGCAGCAAACCGAACAGTCTCATGCTGAAGGACAGCATTTCACCATGTCAGATAAAACCG
 TGAAGTCTGTACCTGCAATTTGCCACCTCCAGATGTGAAACAGACTGCAGTCCACACTAA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCTGAAGAGGATCTGGCAGCAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: BC026425

Insert Size: 1461 bp

OTI Disclaimer: 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 custsupport@origene.com 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. [More info](#)

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| 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: | <ol style="list-style-type: none">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>BC026425</u> , <u>AAH26425</u> |
| RefSeq Size: | 2422 bp |
| RefSeq ORF: | 1460 bp |
| Locus ID: | 76763 |
| Cytogenetics: | X F5 |
| Gene Summary: | Promotes migration of primary monocytes and neutrophils, in response to various chemokines.[UniProtKB/Swiss-Prot Function] |