

Product datasheet for **MR230135**

Mospd2 (NM_001290524) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Mospd2 (NM_001290524) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Mospd2
Synonyms:	2410013I23Rik
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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ORF Nucleotide Sequence:

>MR230135 representing NM_001290524
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCCGAGAATAACGCTCAGAATAAAGCCAAGCTAATCTCAGAGACCCGGCGGAGATTCGAAGCTGAGT
 ATGTGACAGAAAAGTCAGAAAAATATGATTCACGTGATGTTGAAAGGCTTCAGCAAGATGATAACTGGGT
 TGAAAGTTACTTATACTGGAGACATAACGTTGTGGATGAAACCCCTGAAGATGCTTGACGAGAGTTTTTCAG
 TGGAGGAAAGAGTTCTCTGTCAATGACCTTAGTGAATCCTCTATTCCAAGATGGTTATTAGAACTTGGTG
 GTATTTATCTCCATGGTTATGACAAAGAAGGTAACAAATTATTCTGGATCAGAGTGAAGTATCACATAAA
 AGATCAGAAAACCATAATGGACAAGAAGAAGCTCATAGCATTCTGGTTGGAACGATATGCCAAGAGAGAA
 AACGGGAAACCTATCACAGTGATGTTTGACATGCCGAACTGGACTCAATAGCATAGACATGGACTTTG
 TACGATTTATCATCAACTGCTTTAAGGTGATTACCCCAATACCTCTCAAAAAATAGTGATCTTTGATAT
 GCCTTGGATAATGAATGTGCTTTCAAAATTGTGAAAAGCTGGCTTGGCCCCGAAGCAGTAAAGCTTGTG
 AAGTTTACAAGTAAGAATGAAATCCAGGAGTATGTCAGTGTGGAATACCTGCCTCCACATGGGTGGGA
 CAGATCCATTCAAGTATAGCTACCCACCACTGGTAGATGACTTCCAGACACCACTTTGTGAAAAATGG
 GCCAATTGCCAGTGAGGATGAAACCTCAAGTAAGGAAGATATAGAAGGTGATGGTAAGGAAACCTTGAA
 ACGATTTCTAATGAGGAGCCACCAGCTCTGTCTGAAAAGAGTAACCCAAGTACTGTTTCCAAAAAAG
 ATGAAAATGAAAAAGTTGATTCAAAGACGAAAACCTTTTAAAAAGCCATTGAGTGTTTTTAAAGGACCTT
 ATTACACATCAGCCCAGCAGAGGAATTATTTTTGGAAGCATTGAATCTGGAGAGAAGAAAACCTGATA
 GTGTTGACAAATGTCACAAAAAATATTGTGGCCTTTAAGGTGAGAACCACAGCTCCAGAAAAATACAGGG
 TCAAGCCTAGCAACAGCAGCTCGATCCCGGACCTTCCATTGATATCATCGTTTCCACACGGAGTTT
 AACCGTCTCAGCTCAAGACCGGTTCTGTGATCATGGCTGCCGAAATGGAGCAGTCATCTGGCACTGGGCTT
 GCAGAAGTGAAGTCAAGTCTGAAAAGAGGTTCCAAGAAACAAGGTGATGGAGCACAGGCTAAGATGTCACA
 CCGTTGAGAGCAGCAAACCGAACAGTCTCATGCTGAAGGACAGCATTTCCACCATGTCAGATAAAACCG
 TGAAGTCTGTACCTGCAAGAAGAAAGTCTCTGCCTAGCAAA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>MR230135 representing NM_001290524
 Red=Cloning site Green=Tags(s)

MAENNAQNKAKLISETRRRFEAEYVTEKSEKYDSRDVERLQQDDNWVESYLWVRHNVDLTKMLDESFG
 WRKEFSVNDLSESSIPRWLLELGGIYLHGVDKEGNKLFWIRVKYHIKDKQTIMDKKLI AFWLERYAKRE
 NGKPITVMFDMSETGLNSIDMDFVRFIINC FKVYYPKYL SKIVIFDMPWIMNAAFIVKSWLGPEAVSLL
 KFTSKNEIQEYVSVEYLPHPMGGTDPFKYSYPLVDDDFQTPLENGPIASEDETSKEDI EGDGKETLE
 TISNEEPPALSEKSNPTESVSKKDENEKVDSKTKTFKKPLSVFKGPLLHISPAEELYFGSIESGEKKTLI
 VLTNVTKNIVAFKVRTTAPEKYRVKPSNSSCDPGASIDIIVSPHGGLTVSAQDRFLIMAAEMEQQSSGTGP
 AELSQFWKEVPRNKVMEHRLRCHTVESSKPNMLKDSISTMSDKTSEDLYLQEE SPLPSK

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites:

SgfI-MluI

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: [NM_001290524.1](#), [NP_001277453.1](#)

RefSeq Size: 2706 bp

RefSeq ORF: 1446 bp

Locus ID: 76763

UniProt ID: [Q9CWP6](#)

Cytogenetics: X F5

MW: 55.7 kDa

Gene Summary: Promotes migration of primary monocytes and neutrophils, in response to various chemokines.[UniProtKB/Swiss-Prot Function]