

Product datasheet for **RN210220**

Mospd2 (NM_001134588) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Mospd2 (NM_001134588) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Mospd2
Synonyms:	RGD1563952
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN210220 representing NM_001134588
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGAATAACGCTCAGAATAAAGCCAAGCTAATCTCTGAGACCCGGCGGAGATTCGAAGCTGAGTATGTGA
 CAGAAAAGTCAGAGAAATACGATCCACGTGATGTTGAAAGACTCCAGCAAGATGATAACTGGGTTGAAAG
 TTACTTACATTGGAGACATAACGTTGTGGATGAAACACTGAAGATGCTTGATGAGAGTTTTTCAGTGGAGG
 AAAGAATTGTCTGCAATGACCTTAGTGAATCCTCTATTCCAAGATGGTTATTAGAACTTGGTGGTATTT
 ATCTGCACGGTTATGACAAAGAAGGTAACAAATATTTTGGATTAGAGTGAAGTATCACATAAAAGACCA
 GAAAACCATAATGGACAAGAAGAAGCTCATAGCATTCTGGCTGGAACGATATGCCAAGAGAGAAAACGGG
 AAGCCTATCACAGTGTGTTGACATGTCCGAACTGGACTCAATAGCATAGACATGGACTTTGTACGAT
 TTATCATCAACTGCTTTAAGGTGTATTACCCCAAATACCTCTCAAAAATAGTCATCTTTGATATGCCTTG
 GATAATGAATGCTGCTTTCAAAATTGTGAAAAGCTGGCTTGGCCCTGAAGCAGTAAGTTTGTGAAAGTTT
 ACGAGTAAGAATGAGATCCAGGAGTATGTCAGTGTGGAATACCTGCCTCCCACATGGGTGGGACAGATC
 CTTTCAAGTATAGCTACCCACCCTGGTAGATGATGACTTCCAGACACCCTGTGTGAAAATGGGCCAT
 TGCCAGTGAGGATGAAACCTCAAGTAAAGAAGATAGAAAGGTGATGGTAAGGAAACCTTGGAAACGATT
 TCTAATGAGGAGCAGCCAGCTCAGTCTGAAAAGAGTAACCCAAGTCTGCTTCCAAAAGAGATGAAA
 ATGAAAAGTTGATTCAAAGACGAAACCTTTTAAAAAGCCATTGAGTGTTTTTAAAGGACCTTATTACA
 CATCAGCCCAGCAGAGGAATTAATTTTGAAGCATTGAATCTGGGGAGAAGAAAACCTCTGATAGTGTG
 ACAATGTCACCAAAAATATCGTGGCCTTAAAGGTAAGAACCACAGCTCCAGAGAAAATACAGAGTCAAGC
 CGAGCAACAGCAGCTGTGATCCCGGAGCTTCGGTTGATATCATTGTTTCCCACACGGTGGCTTAACAGT
 TTCTGCCAAGACCGGTTTCTCATAATGGCTGCAGAAATGGAGCAGTCATCTGGCACTGGGCCAGCAGAA
 CTAAGTCAAGTTCTGAAAAGAAGTTCCAAGAAGCAAAGTATGGAACACAGGTTAAGATGCCATACAGTTG
 AGAGCAGCAAACCAACAGTCTGATGCTGAAGGACAGCGTTTCTGCCCTGTGAGTAAAACCAAGTGAAGA
 TCTGTACCTACAAAAGAAAAGTACTCTGCCTAGCAAA**TGA**

ACGGTACGGCGCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** Sgfl-Mlul
- ACCN:** NM_001134588
- Insert Size:** 1440 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: NM_001134588.1, NP_001128060.1
RefSeq Size: 2646 bp
RefSeq ORF: 1440 bp
Locus ID: 363463
Cytogenetics: Xq14