

Product datasheet for **RR213630**

Frmpd4 (NM_001106960) Rat Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Frmpd4 (NM_001106960) Rat Tagged ORF Clone
Tag: Myc-DDK
Symbol: Frmpd4
Synonyms: RGD1566031
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
ORF Nucleotide Sequence: >RR213630 representing NM_001106960
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGC**C

ATGACACAGGCAATCCCATTGATGACCCTCGGTTTGACAGCTGCCAAATCATTCCCCAGCTCCACGGA
AGGTGGAGATGAGGAGGGACCCTGTGCTGGCTTTGGGTTTCGTGGCAGGGAGTAAAAGCCAGTGGTCGT
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CCCAAATCACTTATATAGATTCTAAGCAGAAGGCAGTTGAGATGACAGACAGCACCTTGTGTCCCAAAGA
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ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RR213630 representing NM_001106960
Red=Cloning site Green=Tags(s)

MTQAI PFDDPRFDSCQIIPPAPRKVEMRRDPVLGFGFVAGSEKPVVRSVTPGGPSEGKLIPGDQIVMIN
DEPVSAAPRERVIDLVRSCKEILFTVIQPYSPKSAFISAACKARLKSNPVKVRFSEEVIIINGQVSETV
KDNSLLFMPNVLKVYLENGQTKSFRFDCSTSIKDVILTLQEKLSTKIEHFLSMLEQRTEGAGTKLLLLH
EQETLTQVTQRPSSHKMRCLFRISFVPKDPIDLLRRDPVAFEYL YVQSCNDVVQERFGPELKYDIALRLA
ALQMYIATVTTKQTKISLKYIEKEWGLETF LPSAVLQSMKEKNIKKALSHLVKANQNLVPPGKKLSALQ
AKVHYLKF LSDLRLYGGRVFKATLVQAEKRSEVTL LVGPRYGISHVINTKTNL VALLADF SHVNR IEMFT
EEESLVRVELHVL DVKPI TLLMESSDAMNLA CLTAGYYRLLVDSRRSIFNMANKKNAGTQDTGTENKGGH
NLLGPDWNCMPQMTTF IGEGEQEAQITYIDSKQKAVEMDSTLCPKEHRHLYIDNTYSSDEL SQPLTQPG
DAPCEADYRSLAQRSLTL SGPDTL KKAQESPRGAKVSFIFGDLALDDGMSPTLGYERMLDENPEMLEK
QRNLYISSANDMKNLDLTPDTSIQFVANSVYANIGDVKNFEAPEGIEEPLLHDI CYAENTDDAEDEDEV
SCEEDLVSEINQPAIDL SGSSDDIIDL TTPPEGDDNEDDFLLRSLNMAIAAPPPGFRDSSDEEDTQ
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IKETTALTEPGKERQGGMPSAWSPHPEADPILLPSNIHLESKVPSPNQDPNDFSQGNQAFGEAVSWRPAD
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SQSSMHFISEGKFHKRSPMSHKDSKVYRTLPLRKLSSNWRRCRGPFSYCFLNQGGQDEGDEDEEGEATLQ
VSCLYRPHITQGMPE TSNSSLAVGLQKQGEELSRGTVLKDWTEDPDGPDDLDFSSLAFDARIARINALKA
NTYGMPPDGFLEAQNDANELLC LVRATKAKREESRPEAYDLTLSQYKQLLSIESRQLGSACRKMAMAESP
EEMLLAMSSSFVLCCLTEACMRLVKVNVNSETQRQEIVEKIDEVVINYICLLKAAEAATGKTTGDPSIGL
SMRHSTMAALVSTL TRSLKMLLNK

TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

Restriction Sites:

Sgfl-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_001106960.1](#), [NP_001100430.1](#)

RefSeq Size: 5123 bp

RefSeq ORF: 5118 bp

Locus ID: 302656

Cytogenetics: Xq13

MW: 187.1 kDa