

Product datasheet for **MR208353**

Prpf4 (NM_027297) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Prpf4 (NM_027297) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Prpf4
Synonyms:	1600015H11Rik; AI874830; AW047464; bN189G18.1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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ORF Nucleotide Sequence:

>MR208353 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGGCCTCCTCAGAGCCTCCTCCACGACAACCAAACAAAGCGCCTGACGATTTAGTTGCTCCCGTTG
 TGAAGAAACCACACATCTACTATGGAAGCTTGGAAAGAGAAAGAGCGGGAACGCCTGGCCAAAGGAGAGTC
 TGGGATTTTGGGAAAAGAAGGACTCAAAGCCGGCATTGAAGCAGGAAATATTAATAATAACATCCGGAGAA
 GTGTTTGAATTGAGGAGCACATCAGTGAGCGGCAGGCAGAAAGTCTTGGCAGAGTTTGAAGAAGAAAGC
 GAGCCCGGCAGATCAATGTTTCCACAGATGACTCAGAGGTCAAGGCTTGCCTTCGAGCCTTGGGAGAGCC
 TATCACGCTTTTGGAGAGGGCCCTGCTGAACGAAGAGAAAGTTAAGAAATATTCTCAGTGGTCGGG
 ACTGATGCCTTAAAAAGACGAAAAAGATGATGAAAAGTCTAAGAAAGTCAAAGGAGGAGTATCAGCAA
 CCTGGTACCATGAAGGGCCAAATAGCCTGAAGGTGGCCAGATTGTGGATTGCTAATTATTACTCCCCAG
 GGCAATGAAACGCTTAGAGGAGGCCGCTCCATAAGGAGATTCTGAGACAACCAGAACCTCCCAGATG
 CAGGAGCTGCACAAGTCTCTCCGGTCTTTGAATAATTTCTGCAGTCAGATTGGAGATGACCGGCCGATCT
 CCTACTGCCACTTCAGCCCAATTCTAAAATGCTAGCCACAGCTTGTGGAGTGGGCTTTCAGAGCTCTG
 GTCTGTCCCTGACTGCAGCCTCCTTCACTCTTCGAGGCCATAACAAAATGTAGGAGCAATTGTATTC
 CATCCCAATCCACTGTCTCGTTGGACCAGAAGGATGTCAACCTGGCCTCTTGTGCTGCTGATGGTCTG
 TGAAGCTTTGGAGCCTTGACAGCGATGAACCAAGTGGCAGATATTGAAGGCCATACAGTGCCTGTAGCTCG
 GGTAATGTGGCATCCATCAGGGCGTTTCTGGGCACAACCTGTTATGACCGTTCATGGCGCTTATGGGAT
 TTAGAGGCTCAAGAGGAGATCCTGCACCAGGAAGGCCACAGCATGGGTGTGTATGACATTGCCTTCCATC
 AAGATGGCTCTTTGGCTGGCACTGGGGGACTGGATGCATTTGGCCGGGTTTGGGACCTACGCACAGGACG
 CTGCATTATGTTCTGGAAGGCCACCTGAAGGAAATCTATGGGATAAATTTAGCCCAATGGCTACCAC
 ATTGCCACTGGCAGTGGTGACAACCTGCAAAGTGTGGGACCTTCGGCAGCGACGCTGTGTCTACACCA
 TCCCGGCCATCAGAACTTAGTGACCGGTGTCAAATTTGAGCCTATCCATGGGGACTTCTTGCTCACAGG
 TGCCTATGACAATACAGCCAAGATCTGGACCCACCCAGGCTGGTCCCACTGAAGACCCTGGCTGGTTCAT
 GAGGGCAAAGTGTGGGCTGGACATTTCTTCTGATGGGCAGCTCATAGCCACGTGCTCCTATGACAGAA
 CCTTCAAGCTCTGGATGGCAGAG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>MR208353 protein sequence
 Red=Cloning site Green=Tags(s)

MASSRASSTTTTKAPDDL VAPVVKPHIYYGSLEEKERERLAKGESGILGKEGLKAGIEAGNINITSGE
 VFEIEEHSERQAEVLAEFERRKRARQINVSTDDSEVKACLRLALGEPITLFGGPAERRERLRNILSVVG
 TDALKKTKKDEKSKSKEEYQQTWYHEGPNLKVARLWIANYS LPRAMKRL EEARLHKEIPETTRTSQM
 QELHKSLRSLNFC SQIGDRPISYCHFSPNSKMLATACW SGLCKLWSVPDCSLLHLRGHNTNVGAI V
 HPKSTVSLDQKDVNLASCAADGSVKLWLS DSEPVADIEGHTVRVARVMWHPSGRFLGTTTCYDRSWRLWD
 LEAQEEILHQEGHSMGVYDIAFHQDGLAGTGG LDAFGRVWDLRTGRCIMFLEGLHKEIYGINFSPNGYH
 IATGSGDNTCKVWDLRQRRCVYTI PAHQNLVTGVKFEPIHGDFLLTGAYDNTAKI WTHPGWSPLKTLAGH
 EGKVMGLDISSDGLIATCSYDRTFKLWMAE

TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

Restriction Sites:

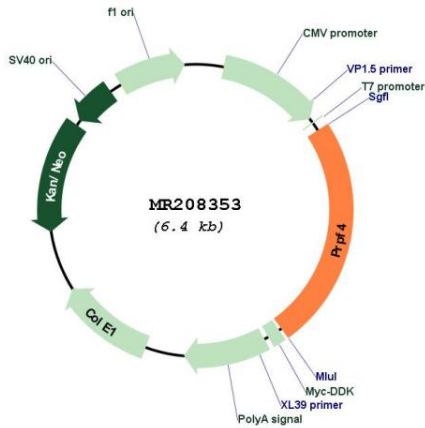
Sgfl-Mlul

Cytogenetics: 4 B3

MW: 58.4 kDa

Gene Summary: Plays role in pre-mRNA splicing as component of the U4/U6-U5 tri-snRNP complex that is involved in spliceosome assembly, and as component of the precatalytic spliceosome (spliceosome B complex).[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for MR208353