

Product datasheet for **MR207051**

Mrps30 (NM_021556) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Mrps30 (NM_021556) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Mrps30
Synonyms:	2610020A16Rik; AA968347; PAP; Pdcd9
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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ORF Nucleotide Sequence:

>MR207051 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGGCGCGGCCAGGTATTGGAAGCTGGTGCCCGCGGCCGGGATTGTCCAGAATGCCGCTGCTAAGG
 CGTCCGCTACGGCCCGAGGTGAGAGACTGGAGGTCGTGGCGACGCCGTGCGCGGTACCCGCGAT
 CGTGGCTTCCATGACCGCCGACAGCAAAGCGCGCGCAGCGCGGGTGCAGCGTGGCAGGCGACGGTG
 CACGCGGCCCGTGGTGGACGAGAAGATACGGATTCTCACCAAGATGCAGTTCAAGAAGTACGTGGTGC
 ATCCGAGATCTCCGCTTGAACGCCGACCGTGGTACCAGAGCTTACCAAGACCGTGTGTCTCGGG
 CCTGCCGCCACCCGCGCTGTCGCCGTCGCCGTCGCCGCCCTCGCTCGACCTCGCCGCCCTGCGCGC
 GCCGTGTGCGACTGCATTTGCAGGAGCAGGTCTACGTGCGGCCGCCAGCCCGCTCCCTCTTCGATC
 GTCGCCAGGCCCTCGCTCCTCCATCCTGGACCAGGTAGTGAGGACGCTCGTGAACCTGCTCGCTCCACT
 CAACCCTGCTGAGCACTGCGGCTCTCGATTGTAACCGTCTGTGACTTTTACTGGTTGCGTGGTGAA
 GAACGCATTCTGCTGGTCATCGAAAAGGCCATATTGATGCTTTACGGTACCAAAATAATGACAAACCAC
 ACAACCAGATTGCAATATCTAAGCAACTCCCAGAGTTTGTGCCATTGGATTACTCCATCCCTACAGAAAT
 CCCTGTTATGAAATGTAAACCAGACAAGCTTCCATTGTTACAGCGCAGTATGAAAACAGTATTTTACC
 GGCTCAAAAACAGCAGATCCATGCTGTTATGGCCACACCCAGTCCATCTGATACCTGACAGACTGAAGA
 GGGAGAGGCTGATAAGACAGAACCAAGCTGAGCAGGTAGAAGCTGTCTTACAGACTAATGCCATTGCAAG
 TCTTTTGGCTGGACTGGAGCACAAAGCTATGTACCAAGGGTCTGGAGCGAAGCAGATGTTACTCGACCT
 TTTGCTCCCAGGCTGTGATCACAGACGGAAAATACTTTTCTTTTCTGCTACCAGTTAAATACTTTGG
 CACTGACTGTCCAAGCTGATCAAAAATAACCCCGTAAAAATCTATGTTGGGGTACAGAGTCAAGCTCT
 TTATGAGACCGTGGAGGATAATGATGTGAAAGGCTTTGATGATGGTACTCTCCTGCAGATAGTTCACTTT
 CTGCTAAATAAACCAAGAGAAGCAGGAGCACAGCTGTTGGCAAGCCAGGAGAAGGAACTTGATCTGGGAC
 CT

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>MR207051 protein sequence
 Red=Cloning site Green=Tags(s)

MAAARYWKLVPGRGLSQNAAKASATAPEVRDLEVVATPVARYPPIVASMTADSKAARQRRVQRWQATV
 HAAPSVDEKIRILTKMQFKKYVHPQISALNADRWYQSFTKTVFVSGLPPTPALSPSPSPSLDLAALRA
 AVCDCILQEQVYVRRRQPGSLFDRRQALASSILDQVVRTLVNLLAPLNPVLSTAALDCRQSVDFYWLGE
 ERIPAGHRKGHIDALRYQINDKPHNQIRISKQLPEFVPLDYSIPTEIPVMKCKPDKLPLFRRQYENSIFT
 GSKTADPCCYGHTQFHLIPDRLKRELRIRQNQAEQVEAVFRANAIASLFAWTGAQAMYQGFWEADVTRP
 FVSQAVITDGKYFSFFCYQLNLTALTVQADQNNPRKNLCWGSQSQPLYETVEDNDVKGFDDGTLQIVHF
 LLNKPREDGAQLLASQEKELDLGP

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites:

SgfI-MluI

Cloning Scheme:


ACCN: NM_021556

ORF Size: 1335 bp

OTI Disclaimer: 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](#)

OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

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_021556.1](#), [NM_021556.2](#), [NM_021556.3](#), [NP_067531.1](#)

RefSeq Size: 1590 bp

RefSeq ORF: 1329 bp

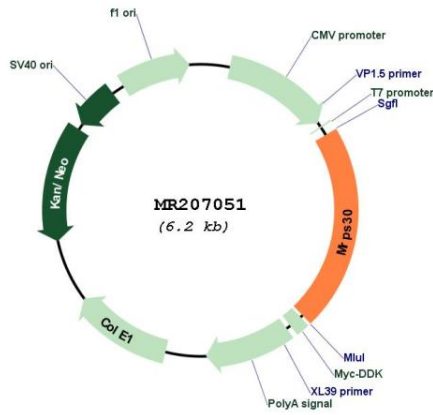
Locus ID: 59054

UniProt ID: [Q9D0G0](#)

Cytogenetics: 13 D2.3

MW: 50 kDa

Product images:



Circular map for MR207051