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Product datasheet for MC223851

4930402H24Rik (NM_029432) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	4930402H24Rik (NM_029432) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	4930402H24Rik
Synonyms:	2810487F15Rik; AI413763; C78926
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)

Fully Sequenced ORF:

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>MC223851 representing NM_029432
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGGACTCGTTCGACCCCCAGCAGCTGGGGCTGTCCCCCGCGCGCTTCGCTGGCACCTTTGGCAGTGGGG
CGGCCTCCGTCAGCTGCAGCCGACTCCGCCAGGTTCAAAGTGTCCTGACCCAGAGCAGCAAGTCTCAACC
TGATGGGATCCTCTGCATCCTCGGAATTGACAGCAGGTACAATGAAGGCTGTAGAGAGCTGGCAAATTAC
CTGCTTTTTGGTTTGTACAGTCAGAATGCCACTGATTTTGAGAAAACGGGATTTTCTGAAGAAATTCTAG
ATGACGTGATTTTATTGATTAAATCAGATAGTGTCCATCTGTACTGTAATCCCGTCAACTACCGCTATCT
TTTGCCTTACGTGGCACACTGGAGAAACCTGCATTTCCATTGCATGACGGAAAATGAGTATGAAGATGAG
GAAGCAGCAGAAGAATTTAAGATTTCCAGCTTTGTGGACATGGTTCGAGACTGTAGTAGGATTGGTATTC
CTTATAGCTCCCAAGGTCACTTACAGATATTTGATATGTTTGTGGTAGAGAAGTGGCCAATTGTCCAGGC
CTTTGCACTTGAAGGCATTGGAGGAGATGGATTTTTTACCATGAAATATGAGTTGCAGGACGTGAGTCTG
AGTCTGTGGAATGTCTACAGCAGGATGGACCCTGCGTCTCTGGAGAACATGCTTTCAGAAGACCTGGCGG
TGTTTGAGCATCAGTGGACGAGCTTCTTTGCTAACTTTGATACAGAAATCCCTTTCCTGCTGGAACTTTC
TGAATCTCAGGCGGGTGAGCCATTCAGAAGCTACTTCGGTCATGGAATGCTCTCCAGCCATATTACTGAA
AACAGCCCTCATCGGCAGCCTTTTGTTCTCTTTGGCAACCACTCCACACGGGACAACCTGAGCGCTGGCA
GCTTTAACTTCCCTTCTGAAGGGCACCTGGTGCGCAACACTGGTCCTGCAGGGAGCTTTGCCAAACACAT
GGTCGCTCAGTGTGTCTCACCAAAGGGACCTCTGGCCTGTTCAAGAACATACTTTTTTGGAGCTACTCAT
GTTCCTTATTTGGGTGACAACGAGAAGCTGCCCAGGACCACGGAGCAAATTAGGCTCTTATCCCAGATAT
ATGCTGCTGTTATTGAGGCTGTTTTGGCTGGCATTGCATGTTATGCTAAAACTTGCAGTCTGGCAAAGGC
CAAGGAAGTAGCAGAGCACACTCTGGAGTCTGGGTTAGTGTTCACTGAGTTGGTTCCATTCAAAGCAGAT
CTACGCTCCAAGGTGACTTTTCATATACATGCTGTGAATAACCAGGGAAGAATTGTGCCTCTGAATAATG
AAGATAGCTTATCCTTTGTGAAAACGGCTCGTATGACCGTCTATGACATTCCTGACCTGCTGGGAGGAGG
AGGAGGAGGATGCTTAGGGTCTGTGGTCTTCTCAGAGTCGTTTTTGACATCTCGGATCTTGGTTAAAGAA
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AAAGATGGCACTATTACCCCAGAGACCAGCTACATCATCCTGACAGCTGCCATCCCCAGATTCTGTTCCT
GGCTGGTAGAAGATAGTGAAATAAAATTGTCTGAGAAAACCCTGCAAGCAACAAAGGGGGACGACTGTTG
CTTGGGCACTTTGCTAACAGGAGGAAAGGGAGCGTATCTTTATTCCAACAGTCCACAGTCCGGGCCTGAG
GAAGGGAGTGCGTATTTCTTCTCTGGTGGCCTTCTCTTTTCTCACCGTCATCACGGAAGTATCGTCATTG
CCAAGGAGCATGTGGATGCTTTCTCCTTCTATGATGGGGACTCCACCAGCGTAGTGGCCGCCCTTCTCAT
ACACTTCCGAAGCTCCATACTTCCTCATCTCCCAGTTCACTTCCACGGATCAAGCAACTTCCTGATGCTT
GCCCTTTTCCCCAAATCAAAGATATATCAAGCATTTTACTCAGAGGTCTTCTCTCCCTGGCAACAGCAGG
ATAACTCAGGGCTTTCTTTAAAAGTGATCCAGGAGGATGGATTATCTGCGGAACAAAAGAGATTGCACTC
CAATGCACAGAAGCTCTTCAGTGCGCTGAGCCCTCCTGCCCAGGACTGGAGCTCCCCAAAACTGCTCTCA
GGCAAACTTCCTGAGCTGGACCGGTTTCTCCAGCATTTTGCCATCGGCAGCATTGGTCAGGAGCCTGTGA
TGCGAGCCCATCTTGTGGGCCTGCTGCAGCAACCTGAGATGAGCCCTGCTCACGAAGTAGAGAGTGACAA
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CTGCATAAGGAGTATGGCAGATGGATGGTATACCGGCAAATCATGGACAGCTCTGAATGTTTCCATGCTG
CCCACTTCCAAAAATACCTTTCCAGTGCCCTGGAGGCCCAACAGAACCGTTCTGCCCGCCAGTCAGCTTA
CATCCGCAAGAAGACCAGGCTGCTGGTGGTACTACAAGGCTACACAGACGTCATTGATGTTGTGCAAGCC
CTGCAGACTCACCCAGACCCAAACGTCAGGTCCTACTTCACCATTGGTGCCGTCACGGTGTGTGTGGAGC
CCTTGAGCTGCTACATGGAGCACAGATTTCTCTTTCCTAAATGTCTTGACCAGTGTTCACAAGGTGTGGT
GAGTAACGTGGTGTTTACCAGTCACACAGCAGAGCAGAAGCACCCTCTCCTTGTTCAGCTGCAGACCCTC
ATCAGGGCTTCCAATCCTACCGCAGCCTTCATTCTTGCCGAAAATGGGATTGTCACAAGGAATGAAGACA
TTGAGCTGATTCTCTCAGAAAATAGTTTTTCGAGTCCCCAGATGCTACGTTCTCGATACTTACTGTTCCC
TGGCTGGTATGAAGGTAAATTTGATGCTGGATCCGTCTTTCCGCTAATGGTTCAGATCTGTGTGTGGTTT
GACTGTCCCCTGGAGAAAACCCGCTTTGTGAGCAGGTGCAGAGCAATTCAGTCTTCCATCAAGCCCAGTC
CCTTCTCTGGAAACATCTACCACATCCTTGGCAAAGTGAAATTTTCAGATTCTGAAAAGACCATGGAGGT
TTGCCACAATACTTTAACCAACTCCCTGACCATTGTGCCAGTTTTGGAGGGACCCACACCACCTCCCAAC
TCAAGAAGCAGCCCCCAAGACAACGGGCAGCCAGAATGCTACCTTGTGTTCATTGGCTGCTCCCTGAAGG
AGGACAGCCTCAAAGACTGGCTTCGACAGTCAGCTAAGCAGAGGCCTCAGAGGAAAGCTCTGAAAACCAG
GGGCATGCTGACCCAGCAAGAGATCAAGAACATCCATGTGAAACGCCACTTGGACCCCTTACCTGCAGGC
TATTTTTACAATGGCACCCAGTTTGTTAACTTCTTTGGGGACAAGACTGATTTTCACCCACTCATGGACC
AGTTCATGAATGATTATGTGGAAGAGGCCAATCGGGAGATCGAGAGGTACAACCGGGAGCTGGAGCAGCA
GGAATACCGGGACCTCTTTGAGCAGAAGCCGAAGCCCTAG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_029432

Insert Size: 3540 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).

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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_029432.2, NP_083708.1
RefSeq Size:	6639 bp
RefSeq ORF:	3540 bp
Locus ID:	228602
UniProt ID:	Q7TT23
Cytogenetics:	2
Gene Summary:	May act as an effector for ARL3.[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (1) encodes the longer isoform (1). Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.

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