

Product datasheet for MC225261

Dopey2 (NM_027293) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Dopey2 (NM_027293) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Dopey2
Synonyms:	0610038M01Rik; 2610510B01Rik; AI503246; C21orf5; mKIAA0933
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>MC225261 representing NM_027293 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGGACCCGGAGGAGCAGGAGCTACTGAACGATTACAGATACAGAAGCTACTCCTCAGTAATCGAGAAGG
CGTTGAGAACTTTGAGTCTCCAGCGAATGGGCAGATCTCATCTCTTCGCTCGGCAAGCTCAACAAGGC
TCTCCAGAGCAACTGAAGTATTCCTCCTACCACGGCGGCTCATCATCAGCAAGAGGCTAGCTCAGTGC
TTGCATCCTGCCCTGCCAGTGGCGTTCACCTAAAAGCCCTAGAAACCTACGAGATCATCTCAAGATTG
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GAACTGACGCCCTGTCTCTGAGACTGTCTGTGGTGTGGGGCGAGAGGTGTTCTATGCTGCCCTGTGGGG
CAGCGTCTGACAAGCCCTTCCATCCGCCTCCCTGCCTCCTTATTTGTGGTGAACCACATCAGCAGGGAC
TCACCAGGCAAGGAGCAGAAGTGCATGCTGGGTACTGATTACCAGCTCACGGTGAATCCCTGTGTGCTT
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TTTTGATAAACTCCAAGGATCTTTAGTTGAGGCTCTGGCTGAGATACTGCACCAGAAGTTCTTAGAC
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CGGAAATAGGACCTCAAGTGGTTGAGAATTTATTTCTGGAAGTCATCAGGGCCTTTTATTCTTACTGCCA
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CCGAGGAGGTGGAGGCCCTGAGCTTACCTGAGCTCACACACGCCTTGAAGACATGTTTCAAGGTGCTTAG
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CCTGCAGACAGACTCAGTGTGCAGCTGGTGAAGGAGGTGGTGAAGAGGCCAGCGCAGATCAAAGGGGAT
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 GTTTACAGTGTGCAAGCGCTCTCTCTTGGCAGAGTTCTGGCTTCTCTCCTGGACATGGTTTACCGCA
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 ATACCATCTTCCACCAGTTAAACTGTGCTTTCAAACCCAAAGCCAGCTGCCTGCTGATGTGCCAGGAA
 CCGCAGCGCCAGAGTGCCTGTACAGAGAACCAGGGTCTGCGGCAGCTGGAGGAGTGTGTGGAGCA
 GGACTTTCTGGAGCATCCGGAGTGTAG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_027293
- Insert Size:** 6888 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_027293.1](#), [NP_081569.1](#)

RefSeq Size: 7331 bp

RefSeq ORF: 6888 bp

Locus ID: 70028

UniProt ID: [Q3UHQ6](#)

Cytogenetics: 16 C4

Gene Summary: May be involved in protein traffic between late Golgi and early endosomes.[UniProtKB/Swiss-Prot Function]

Transcript Variant: This variant (1) encodes the longest isoform (1).