

Product datasheet for **MC209913**

Dnlz (NM_001139503) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Dnlz (NM_001139503) Mouse Untagged Clone
Tag: Tag Free
Symbol: Dnlz
Synonyms: 1110034G11Rik; D2Bwg1335e; HEP1
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC209913 representing NM_001139503
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGTTGCGGACAGCGCTGAGCCGCATGCCGACACTACTTCGTAGTGTGCGGACCCGGGATCCGGACCGC
GGCGGCTTTGGATTTGGGGCTCGCCTAAAGACCGCGGAGAGACTTCGGGGCTGGGCTGGGCTGGG
CTCGGGCTGGCGGAGCTCGAGCTCCGCGCCGGATCAGGGCGTGGCGGCGCTGGGCGCGTGGAAGCG
GACCACTATCAACTCGTCTACACCTGCAAGGAATATTGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-MluI
ACCN: NM_001139503
Insert Size: 249 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_001139503.1](#), [NP_001132975.1](#)

RefSeq Size: 2796 bp

RefSeq ORF: 249 bp

Locus ID: 52838

UniProt ID: [Q9D113](#)

Cytogenetics: 2 18.87 cM

Gene Summary: May function as a co-chaperone towards HSPA9/mortalin which, by itself, is prone to self-aggregation.[UniProtKB/Swiss-Prot Function]
Transcript Variant: This variant (2) skips an exon in the coding region, compared to variant (1). The encoded protein (isoform 2) has a shorter and distinct C-terminus that lacks a zinc finger DNL domain, compared to isoform 1.