

Product datasheet for **MR229030**

D16Ertd472e (NM_001252439) Mouse Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: D16Ertd472e (NM_001252439) Mouse Tagged ORF Clone
Tag: Myc-DDK
Symbol: D16Ertd472e
Synonyms: 1700010I10Rik; 2310009O17Rik; E330003K22Rik; Eurl
Mammalian Cell Selection: Neomycin
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
ORF Nucleotide Sequence: >MR229030 representing NM_001252439
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGCATCGCC**

ATGAACGAAGAGGAGCAGTTTGTAAAGCATTGACTTGAATGATGACAACATTTGCAGTGTTTGTAACTGG
GAACAGACAAAGACACGCTCTCCTTCTGCCACATTTGCTTCGAGCTAAATCTCGAGGGAGTGCCAAAGTC
GAATCTTTTACACACCAAATCAGTGAGAGGCCATAAAGACTGCTTTGAAAAATACCATTTAATAGCAAAC
CAGGATTGTTCTCGTTCCAAGCTTCCAAAAGTACTTATGAAGGAGTTAAAACCATCGTGAGTAAGAAGA
TAAACTGGATTGTGCAGTATGCCAAAAATAAAATCTGGATTTGGAGTCCGAGTGTCCAAAACCTCCCA
GCATCCCCTGTTGAATTTCAAGCATAAGCCAGAGAAGAAATTGCTCCACAGTTTACTCTCAGGTGCCA
AAGTACTCGGCAAAAGGCTCAGCCGAAACGCAGGCAGCATCTCAAGCTATGCGCAGAGAATCCTGGAGC
ACAGAGAAAAACAGACTTCCGGCTGGGTTTATTGGAAGACGCGGATGCATTGTGGACTCACAGTCACAG
CCAGGCACAGAAAACAGAAGAGACAAGCTCTGGTCCGGAGGGGACTATCCAGACCCAGAATCCACATTAC
AGCCGTGAAGAATTGAATTCGATGACTCTTGTGAAGTAGTACAAGTACTGAGTGCGAAGCTCCAACAGCGAA
TCCAAGAGGTTTTTGAAGAGTTAACACACCAGGTGCAAGAGAAGGACTCTCTGGCGTCAGAGCTCCATGT
CCGTACGTGGCTATCGAGCAACTCCTCAAGAAGTCTCAAGTTGCCATGCCTCCAAGTGGGACGGACA
GGGACGAGGTCACACCTACCCATGAACCAC

ACGCGTACGCGGCCGCTCGAGCAGAAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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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_001252439.1](#), [NP_001239368.1](#)

RefSeq Size: 5927 bp

RefSeq ORF: 873 bp

Locus ID: 67102

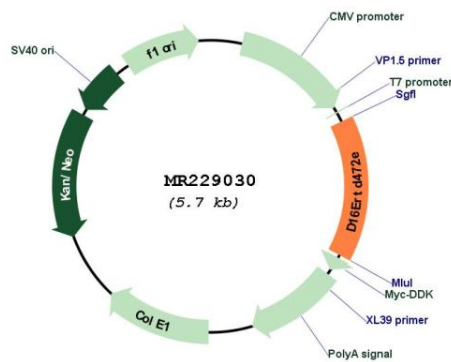
UniProt ID: [Q9D7G4](#)

Cytogenetics: 16 45.36 cM

MW: 33.3 kDa

Gene Summary: Plays a role in cortical progenitor cell proliferation and differentiation (PubMed:27404227). Promotes dendritic spine development of post-migratory cortical projection neurons by modulating the beta-catenin signaling pathway (PubMed:27404227).[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for MR229030