

Product datasheet for RC221355

C9orf116 (NM_001048265) Human Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: C9orf116 (NM_001048265) Human Tagged ORF Clone
Tag: Myc-DDK
Symbol: C9orf116
Synonyms: PIERCE1; RbEST47
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
ORF Nucleotide Sequence: >RC221355 representing NM_001048265
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGGCTGAGGAATGCCCCAGAGCGTGCGCGGAGCCTGTGGCGCCAAGGCCACGGCCCCGCGGAGAGGA
CCAGCGACTACTACCGCGTGAGCGCGGACCTGCCGGGCAGGTTCAACAACCCGGGTGGTTCCGGGGCTA
CAGGACCCAGAAGGCTGTCTCCGTGTACAGGACCAGTAACCAGGCTTACGGGAGCAGAGCCCCACCGTG
CAGGAGATGCCTAAAGTATTTATCCAAATTCTGAATAAATTTCCCAACAACCTGCAGCGGTGGAAATGT
TCCGGAACAATACTCTCAATGTTTACCTGGAGAAAAGCATCGTGACTGGCCCCGATAACTGCATCACCTC
CTGTGACCGGCTCAACTCCACCCAGTTACAACATCAACAGGCCATCCATCTGCGAT

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >RC221355 representing NM_001048265
Red=Cloning site Green=Tags(s)
MAEECPRACAEPVAPKATAPPERTSDYYRVSADLPGRFNNPGWFRGYRTQKAVSVYRTSNQAYGSRAPT
VHEMPKVFYPNSNKFSQLAAGGMFRNNTLNVYLEKSIIVTGPDNCITSCDRLNFHPSYNINRPSICD

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: Sgfl-MluI



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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:	<ol style="list-style-type: none">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:	<u>NM_001048265.2</u>
RefSeq Size:	731 bp
RefSeq ORF:	411 bp
Locus ID:	138162
UniProt ID:	<u>Q5BN46</u>
Cytogenetics:	9q34.3
MW:	15.1 kDa