

Product datasheet for **MR209264**

D15Ertd621e (BC033609) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	D15Ertd621e (BC033609) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	D15Ertd621e
Synonyms:	mKIAA0493, MGC40987
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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**ORF Nucleotide
Sequence:**

>MR209264 ORF sequence

Red=Cloning site Blue=ORF Green=Tags(s)

 TTTTGAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGCATCGC**

 ATGAATCGGGTACAAGGTGATTATTTTGAACCTACTCTATAAGATATTTGTGTCTATAGATGAACACA
CTAATGTTGCAGAGCTTGCAAATGTCCTTGAGATAGACTTATCGCTGGTGAAGAATGCTGTTTCAATGTA
TTGCCGATTGGGCTTTGCCATAAGAAGGACAAAGTGATAAATTTGGATCAACTTCATTCGTCATGGAAG
AATGTTCCATCTGTGAATAGACTAAAGAGCACATTAGACCCACAAAAGATGCTCTTATCGTGGGATGGCG
GGGAGAGTAGGAGTCCCGTGCAAGAAGCCTCTTCTGCTACTGACACAGACACAAATAGTCAAGAGGATCC
AGCTGACACGGCCAGTGTGAGCAGTTTGTCTGCTCCACTGGGTACACAAAGCGAATTGCATTCTGTTT
GACTCCACTCTGACTGCATTCTTAATGATGGGAAACCTTTCACCGAACTTGAAAAGCCACGCAGTCACCA
TGTTTGAAGTAGGCAAACTCTCAGATGAGTCTCTGGACAGCTTCCTTATAGAATTAGAGAAGGTTTCAGAG
CACTGGTGAAGGAGAAGCACAGAGATACTTTGACCACGCATTACTCTGAGGAACACTATCTCTTCTCTG
CGTCATAATAAGGATCTGGTGGCTCAGACCTCTCAGCCAGACCAGCCCAACTATGGTTTCCCCCTGGATC
TCTTACGCTGCGAAAGCCTTCTTGGTTTGGACCCAGCAACTTGACGACAGATTCTAAACAAAACTACAC
ACTGCTTGTTCATGGCGCCTCTTACCAATGAGATCCGGCCAGTCAGCAGCTGCACCCCGCAGCATATC
GGACCAGCTATCCAGAAGTCAGTTCTGTCTGGTTTAAATTGTATATTTACCATGTCAGTGGGCAAGGAC
CACCATCTCTTACTGTCCAAAGGTACAAGACTTCGGAACTGCCAGATATATCCAGGGTTATGATCG
GTTACTTATAACCTCTTGGGGCCATGACCCTGGGGTCTTCTGCTTCAAACGTTCTCACGATGCTGAAT
GATGCTTTAACCACTCAGCAGTGCTCATTGAGGACATGGTTTGCATGGGGTAGGAGAGACTGTCCATA
TACCTTTCCATTGTATGAAGCAGAGCTGCAAGGAGAGTTACCCGTGCCAGTATGGGTGTTTCATAAAGC
ACTGCAGATTCTGCGGAGCAGAGTGGAATTCAGCATTCTGCGGCTATGTCACCATGTTGAATGCTTCT
AGCCAGCTTGCAAGTAGGAAGCTCAGTGAGGCTTCTGATGAGAGAGGCGAGCCTGATTTGGCTTCTAGTT
CAGATGTAATGGGAGCAGAGTGCTTTGAAATGGTCATTGAGGAAGCAAGTACAGATTGGCGACAAA
ACCAAACCTCTGGGGCCACAGCAGAAGCAGATTGGGTTCTCTTGAAGTGTGTTTGAATTCCTTTGTTT
AGTTCCGAATTAACCGGAAAGTTTGTGAGAAATAGCTACCCATGGCCTGTGCAGGAAAGAGAGCCTTC
AAAGTCTCTTACATTCCAGTAGAAAATCTCCCTGCAAGTCTTAACCTTGTTCATTATTCCAGGAAGG
TGCTGCTACTCTGGATCTCCACGCGGAGCCTGGCTTCTCAAGTGTGCTTTCACAGTCGCCCTGCGCTGAC
ATGGGAGTTCACCTCCGCCCCAAAATTAATGTTTAAAGATGGTGTCTATCAGAGTGGAGCGGACGCT
CACCTTCTCCCTGCTCATCGTAGTCTCCATTG

ACGCGTACGCGGCGGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>MR209264 protein sequence

Red=Cloning site Green=Tags(s)

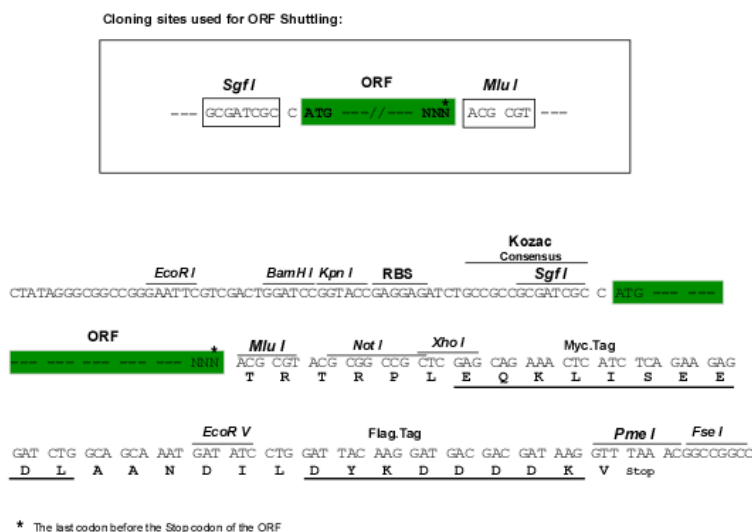
 MNRVQGDYFETLLYKIFVSIIDEHTNVAELANVLEIDL SLVKNVSMYCRLGF AHKKGQVINLDQLHSSWK
NVPSVNRLLKSTLDPQKMLLSWDGGESRSPVQEASSATD TDNSQEDPADTASVSSL SLSTGYTKRI AFLF
DSTLT AFLMMGNLSPNLKSHAVTMFEVGKLSDESLSFLIELEKVQSTGEGEAQRYFDHALTRNTILFL
RHNKDLVAQTSQPDQPNYGFPLDLLRCESLLGLDPATCSRVLNKNYTLVSMAPLTNEIRPVSSCTPQHI
GPAIPEVSSVWFKLYIYHVTGQGPSSLLSKGTRLRKLPDIFQGYDRLLITSWGHPGVVPASNVLTMLN
DALTHSAVLIQGHGLHGVGETVHIPFPFDEAELQGEFTRASMGVHKAQLILRSRVDLQHFCGYVTMLNAS
SQLASRKLSEASDERGEPDLASSDVNGSTESFEMVIEEASTDLATKPNSGATAEADWVPLELCFGIPLF
SSELNRKVCQKIATHGLCRKESLQSLHSSRKL SLQVLNFVHSFQEGAATLDLHAEPGSSVLSQSPCAD
MGVPLPAKNLMFKDGVLSWSEGRSPSSLLIASLHL

TRTRPLE**QKL**ISEEDLAANDILDYKDDDDKV

Restriction Sites:

SgfI-MluI

Cloning Scheme:



ACCN: BC033609

ORF Size: 1785 bp

OTI Disclaimer: The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

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:

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.

Note: Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.

RefSeq: [BC033609](#), [AAH33609](#)

RefSeq Size: 4689 bp

RefSeq ORF: 1787 bp

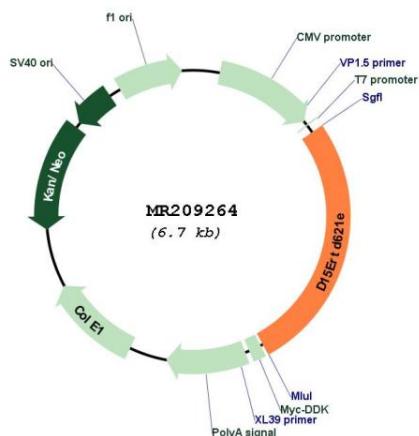
Locus ID: 210998

Cytogenetics: 15 24.76 cM

MW: 65.2 kDa

Gene Summary: As component of the WDR11 complex acts together with TBC1D23 to facilitate the golgin-mediated capture of vesicles generated using AP-1.[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for MR209264