

Product datasheet for **MC205497**

AU040320 (NM_133886) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Tag:	Tag Free
Symbol:	AU040320
Synonyms:	A730047D20Rik; AAVR; Kiaa0319l
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>BC028869

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CGGACGCGTGGGTTTCCGGCCGCGGTGCTGTCCAGGGAGGCTGAGGCAAGAGGGAGCTGTCCGGGTGGG
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GCTATTTAATTGTGAAAAAAAAAAAAAAAAAAAAAAAAAAAA

Restriction Sites:

RsrII-NotI

ACCN:

NM_133886

Insert Size:

3147 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.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	<u>BC028869</u> , <u>AAH28869</u>
RefSeq Size:	4379 bp
RefSeq ORF:	3147 bp
Locus ID:	100317
UniProt ID:	<u>Q8K135</u>
Cytogenetics:	4 D2.2
Gene Summary:	Possible role in axon guidance through interaction with RTN4R.[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (3) differs in the 5' UTR and has multiple coding region differences (compared to variant 2), one of which results in a frameshift. This results in a shorter isoform (2) with a distinct C-terminus, compared to isoform 1.