

Product datasheet for RN200640

Myo9a (NM_134335) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Myo9a (NM_134335) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Myo9a
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>RN200640 representing NM_134335 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

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Restriction Sites:

SgfI-MluI

ACCN:

NM_134335

Insert Size:

7881 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:	<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_134335.1</u> , <u>NP_599162.1</u>
RefSeq Size:	8575 bp
RefSeq ORF:	7881 bp
Locus ID:	171296
UniProt ID:	<u>Q9Z1N3</u>
Cytogenetics:	8q24
Gene Summary:	human homolog is an unconventional myosin and may be associated with Bardet-Biedl syndrome [RGD, Feb 2006]