

## Product datasheet for RC221689

### MYO1B (NM\_012223) Human Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	MYO1B (NM_012223) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	MYO1B
Synonyms:	MMI-alpha; MMIa; MYH-1c; myr1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>RC221689 representing NM_012223 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

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GAATACAGGAACAGAAAATTTTATGAAGTGAAGCCCTCACATCTTTGCCCTTCGGATGAAGCATAACAGAT  
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CATGCAGATTGTGGCTTTATGGATCATGAAGCTGAGTCTGTCTTGGCGTGGTGGCAGCAGTGTGAAA  
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**Protein Sequence:**

>RC221689 representing NM\_012223  
 Red=Cloning site Green=Tags(s)

MAKMEVKTSLLDNMIGVGDMLLEPLNEETFINNKKRFDHSEIYTYIGSVVISVNPYRSLPIYSPEKVE  
 EYRNRNFYELSPHIFALSDEAYRSLRDQDKDQCILITGESGAGKTEASKLVMSYVAAVCGKGAENVQVKE  
 QLLQSNPVEAFGNAKTVRNDNSSRFGKYMDIEFDKGDPLGGVINSYLLLEKSRVVKQPRGERNFHFVYQ  
 LLSGASELLNKLKLERDFSRYNLSDSAKVNVDAAANFRTVRNAMQIVGFMDEAESVLAVVAVLK  
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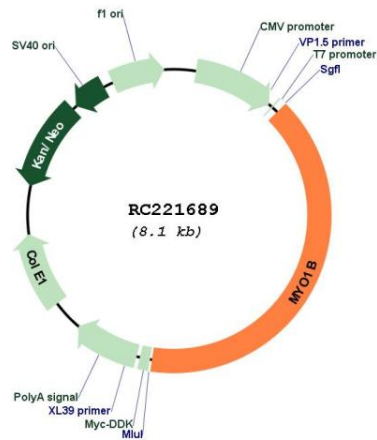
**Chromatograms:**

[https://cdn.origene.com/chromatograms/mk8039\\_h07.zip](https://cdn.origene.com/chromatograms/mk8039_h07.zip)



**UniProt ID:** [O43795](#)  
**Cytogenetics:** 2q32.3  
**Domains:** myosin\_head  
**MW:** 124.8 kDa  
**Gene Summary:** Motor protein that may participate in process critical to neuronal development and function such as cell migration, neurite outgrowth and vesicular transport.[UniProtKB/Swiss-Prot Function]

**Product images:**



Circular map for RC221689