

Resource Summary Report

Generated by [NIF](#) on Jul 30, 2026

Myo 1b-myc

RRID:Addgene_135064

Type: Plasmid

Proper Citation

RRID:Addgene_135064

Plasmid Information

URL: <http://www.addgene.org/135064>

Proper Citation: RRID:Addgene_135064

Insert Name: Myo 1b with 5' UTR

Organism: Rattus norvegicus

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:8449985](#)

Vector Backbone Description: Backbone Marker:Dr. David Russell, UTSW; Backbone Size:4603; Vector Backbone:pCMV5; Vector Types:Mammalian Expression; Bacterial Resistance:Ampicillin

Comments: Myr 1 has three alternative spliceforms. In this plasmid spliceform Myr 1b is cloned, that exhibits a deletion of 29 amino acids. The size of the 5' UTR is unknown, therefore the Insert size is estimated. See also : Ruppert C, Godel J, Muller RT, Kroschewski R, Reinhard J, Bahler M J Cell Sci. 1995 Dec;108 (Pt 12):3775-86. PubMed

Plasmid Name: Myo 1b-myc

Record Creation Time: 20220422T221745+0000

Record Last Update: 20260725T073848+0000

Ratings and Alerts

No rating or validation information has been found for Myo 1b-myc.

No alerts have been found for Myo 1b-myc.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 1 mentions in open access literature.

Listed below are recent publications. The full list is available at [NIF](#) .

J??verfelt S, et al. (2025) The MYO1B and MYO5B motor proteins and the sorting nexin SNX27 regulate apical targeting of membrane mucin MUC17 in enterocytes. The Biochemical journal, 482(1), 1.