

Resource Summary Report

Generated by [dkNET](#) on Jul 31, 2026

Rab5-L38R-mCherry

RRID:Addgene_102785

Type: Plasmid

Proper Citation

RRID:Addgene_102785

Plasmid Information

URL: <http://www.addgene.org/102785>

Proper Citation: RRID:Addgene_102785

Insert Name: Rab5a

Organism: Homo sapiens

Bacterial Resistance: Kanamycin

Vector Backbone Description: Backbone Size:4731; Vector Backbone:EGFP-C1; Vector Types:Mammalian Expression; Bacterial Resistance:Kanamycin

Comments: mCherry-C2-Rab5a encodes wild-type human Rab5a,(NM_004162) as a fusion protein with mCherry. Rab5a was inserted between the Eco R1 and Sal 1 restriction sites. mCherry-C2 encodes a monomeric variant of DsRed. The backbone plasmid is pEGFP-C1 (Clontech). The C2 version of mCherry was created by insertion of a short piece of DNA between Xho 1 and EcoR1 restriction sites. In the resulting multiple cloning site, the Sac 1 restriction site has been eliminated and the Eco R1 restriction site is in frame.

Plasmid Name: Rab5-L38R-mCherry

Relevant Mutation: Leucine 38 changed to Arginine

Record Creation Time: 20220422T221457+0000

Record Last Update: 20260725T073351+0000

Ratings and Alerts

No rating or validation information has been found for Rab5-L38R-mCherry.

No alerts have been found for Rab5-L38R-mCherry.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.