Resource Summary Report

Generated by dkNET on Sep 21, 2026

pGEX2T merlin 1-595

RRID:Addgene_11629
Type: Plasmid

Proper Citation

RRID:Addgene_11629

Plasmid Information

URL: http://www.addgene.org/11629

Proper Citation: RRID:Addgene_11629

Insert Name: merlin

Organism: Homo sapiens

Bacterial Resistance: Ampicillin

Defining Citation: PMID:10567424

Vector Backbone Description: Backbone Marker:Amersham; Backbone Size:4950; Vector Backbone:pGEX2T; Vector Types:Bacterial Expression; Bacterial Resistance:Ampicillin

Comments: The merlin insert in this plasmid contains A190V and G302E mutations compared to the closest match human Merlin reference sequence (NP_000259.1). The depositing laboratory states that these mutations should not affect merlin function, but cautions that it may be necessary to test merlin function if performing structure function experiments.

Plasmid Name: pGEX2T merlin 1-595

Record Creation Time: 20220422T221609+0000

Record Last Update: 20260919T090611+0000

Ratings and Alerts

No rating or validation information has been found for pGEX2T merlin 1-595.

No alerts have been found for pGEX2T merlin 1-595.

Data and Source Information

Source: Addgene

Usage and Citation Metrics

We found 2 mentions in open access literature.

Listed below are recent publications. The full list is available at dkNET .

Chinthalapudi K, et al. (2018) Lipid binding promotes the open conformation and tumor-suppressive activity of neurofibromin 2. Nature communications, 9(1), 1338.

Chinthalapudi K, et al. (2015) Lipid-directed vinculin dimerization. Biochemistry, 54(17), 2758.