



pEGFP-parkin WT
(Plasmid #45875)

DEPOSITING LAB

[Edward Fon](#)

PUBLICATION

[Trempe et al Science. 2013 May 9.](#) ([How to cite](#) ↓)

SEQUENCE INFORMATION

[Sequences \(2\)](#)

ORDERING

Item	Catalog #	Description	Quantity	Price (USD)	
Plasmid	45875	Standard format: Plasmid sent in bacteria as agar stab	1	\$85	Add to Cart

This material is available to academics and nonprofits only.

BACKBONE

Vector backbone: pEGFP-C2
[\(Search Vector Database\)](#)
Backbone size w/o insert (bp): 4731
Total vector size (bp): 6129
Vector type: Mammalian Expression
Selectable markers: Neomycin (select with G418)

GROWTH IN BACTERIA

Bacterial Resistance(s): Kanamycin, 50 µg/mL
Growth Temperature: 37°C
Growth Strain(s): DH5alpha
Copy number: High Copy

GENE/INSERT

Gene/Insert name: Parkin
Alt name: PARK2
Species: H. sapiens (human)
Insert Size (bp): 1398
GenBank ID: NM_004562.2
Entrez Gene: [PRKN](#) (a.k.a. (also known as) AR-JP, LPRS2, PARK2, PDJ)
Promoter: CMV
Tag / Fusion Protein:

- EGFP (N terminal on backbone)

CLONING INFORMATION

Cloning method: Restriction Enzyme
5' cloning site: EcoRI (not destroyed)
3' cloning site: Sall (not destroyed)
5' sequencing primer: EGFP_C_primer
[\(Common Sequencing Primers\)](#)

RESOURCE INFORMATION

A portion of this plasmid was derived from a plasmid made by: Lab of Heidi McBride
Articles Citing this Plasmid:

- [18 References](#)

TERMS AND LICENSES

Academic/Nonprofit Terms:

- [UBMTA](#)
- [Ancillary Agreement for Plasmids Containing FP Materials](#)

Industry Terms:

- Not Available to Industry

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