

Resource Summary Report

Generated by [RRID](#) on Aug 19, 2026

pDONR223-ERBB4

RRID:Addgene_23875

Type: Plasmid

Proper Citation

RRID:Addgene_23875

Plasmid Information

URL: <http://www.addgene.org/23875>

Proper Citation: RRID:Addgene_23875

Insert Name: ERBB4

Organism: Homo sapiens

Bacterial Resistance: Spectinomycin

Defining Citation: [PMID:21107320](#)

Vector Backbone Description: Backbone Marker:Invitrogen; Backbone Size:5005; Vector Backbone:pDONR223; Vector Types:Gateway Cloning; Bacterial Resistance:Spectinomycin

Comments: The ORF has no Stop codon. This design enables easy recombination into a destination vector to add an epitope tag of choice and Stop codon to the ORF. Do NOT use this plasmid directly for transfections. A set of 4 custom lentiviral vectors is available (pLX301 (<http://www.addgene.org/25895/>) , pLX302 (<http://www.addgene.org/25896/>) , pLX303 (<http://www.addgene.org/25897/>) , pLX304 (<http://www.addgene.org/25890/>)) to be used to express these ORFs in mammalian cells. These plasmids are not included in the kit and must be ordered separately.

Plasmid Name: pDONR223-ERBB4

Record Creation Time: 20220422T222106+0000

Record Last Update: 20260815T081225+0000

Ratings and Alerts

No rating or validation information has been found for pDONR223-ERBB4.

No alerts have been found for pDONR223-ERBB4.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 3 mentions in open access literature.

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

Gui T, et al. (2023) Targeted perturbation of signaling-driven condensates. Molecular cell, 83(22), 4141.

Pal AA, et al. (2023) Optogenetic clustering and membrane translocation of the BcLOV4 photoreceptor. Proceedings of the National Academy of Sciences of the United States of America, 120(32), e2221615120.

Paatero I, et al. (2019) ErbB4 tyrosine kinase inhibition impairs neuromuscular development in zebrafish embryos. Molecular biology of the cell, 30(2), 209.