

Resource Summary Report

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

[pQE60-Exp5](#)

RRID:Addgene_12553

Type: Plasmid

Proper Citation

RRID:Addgene_12553

Plasmid Information

URL: <http://www.addgene.org/12553>

Proper Citation: RRID:Addgene_12553

Insert Name: EXPORTIN-5

Organism: Homo sapiens

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:11777942](#)

Vector Backbone Description: Backbone Marker:Qiagen; Backbone Size:3900; Vector Backbone:pQE60; Vector Types:Bacterial Expression; Bacterial Resistance:Ampicillin

Comments: For expression of this protein, supplement medium with 2% ethanol; induce with 300 uM IPTG; add 25 mM beta-mercaptoethanol to the lysis buffer. Maintain 7 mM mercaptoethanol in all buffers for purification and storage.

Plasmid Name: pQE60-Exp5

Relevant Mutation: NONE

Record Creation Time: 20220422T221658+0000

Record Last Update: 20260725T073723+0000

Ratings and Alerts

No rating or validation information has been found for pQE60-Exp5.

No alerts have been found for pQE60-Exp5.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 4 mentions in open access literature.

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

Sempert K, et al. (2023) RGMA and Neogenin control dendritic spine morphogenesis via WAVE Regulatory Complex-mediated actin remodeling. *Frontiers in molecular neuroscience*, 16, 1253801.

Wheeler EC, et al. (2022) Integrative RNA-omics Discovers GNAS Alternative Splicing as a Phenotypic Driver of Splicing Factor-Mutant Neoplasms. *Cancer discovery*, 12(3), 836.

Deng J, et al. (2021) Influenza A virus infection-induced macroautophagy facilitates MHC class II-restricted endogenous presentation of an immunodominant viral epitope. *The FEBS journal*, 288(10), 3164.

Shank LC, et al. (2008) Activation of the DNA-dependent protein kinase stimulates nuclear export of the androgen receptor in vitro. *The Journal of biological chemistry*, 283(16), 10568.