

Resource Summary Report

Generated by [RRID](#) on Aug 23, 2026

pSecTag-ATX

RRID:Addgene_17839

Type: Plasmid

Proper Citation

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Plasmid Information

URL: <http://www.addgene.org/17839>

Proper Citation: RRID:Addgene_17839

Insert Name: Autotaxin

Organism: Homo sapiens

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:18327261](#)

Vector Backbone Description: Backbone Marker:Invitrogen; Backbone Size:5200; Vector Backbone:pSecTag; Vector Types:Mammalian Expression; Bacterial Resistance:Ampicillin

Comments: From the depositor: In 1998, we purchased from Invitrogen pSecTag2A and cut it with BglII and BamH1. The BglII/BamH1 fragment was replaced with a modified fragment containing 6 Histidines at the N-Terminus that was done by generating the modification by PCR, and cloning the PCR product back into BglII/BamH1. Sometime later, the above pSecTag2A-6HIS was digested with BamH1and Not1. The ATX (amino acids 52-863) insert was generated by PCR, digested with BamH1/EcoR1 and by excising ATX from the original colony II cDNA library with EcoR1/Not1, which yields two pieces in two stages into the vector. Their is a stop codon before the C-Terminus Myc tag so it will not be expressed.

Plasmid Name: pSecTag-ATX

Record Creation Time: 20220422T222028+0000

Record Last Update: 20260815T081116+0000

Ratings and Alerts

No rating or validation information has been found for pSecTag-ATX.

No alerts have been found for pSecTag-ATX.

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 [RRID](#) .

Farquhar MJ, et al. (2017) Autotaxin-lysophosphatidic acid receptor signalling regulates hepatitis C virus replication. Journal of hepatology, 66(5), 919.

Jethwa SA, et al. (2016) Exosomes bind to autotaxin and act as a physiological delivery mechanism to stimulate LPA receptor signalling in cells. Journal of cell science, 129(20), 3948.