

Resource Summary Report

Generated by [NIF](#) on Aug 20, 2026

CMV-Fast-1 wild-type

RRID:Addgene_16521

Type: Plasmid

Proper Citation

RRID:Addgene_16521

Plasmid Information

URL: <http://www.addgene.org/16521>

Proper Citation: RRID:Addgene_16521

Insert Name: FAST-1

Organism: Homo sapiens

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:9702198](#)

Vector Backbone Description: Backbone Marker:Promega; Backbone Size:5500; Vector Backbone:pCI-Neo; Vector Types:Mammalian Expression; Bacterial Resistance:Ampicillin

Comments: To construct an hFAST-1 expression vector, normal human colon cDNA was used as the template to PCR-amplify the hFAST-1 ORF with primers NT2-exp5? (5'-TATGCGGCCGCCACCATGGGGCCCTGCAGCG-3?) and NT2-exp3? (5'-TATGCGGCCGCGAGCTGCTGTGTCGCAGAC-3?). The PCR product was cloned into the NotI site of pCI-neo.

Plasmid Name: CMV-Fast-1 wild-type

Record Creation Time: 20220422T221933+0000

Record Last Update: 20260815T080928+0000

Ratings and Alerts

No rating or validation information has been found for CMV-Fast-1 wild-type.

No alerts have been found for CMV-Fast-1 wild-type.

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 [NIF](#) .

Shapira KE, et al. (2018) Cholesterol depletion enhances TGF- β Smad signaling by increasing c-Jun expression through a PKR-dependent mechanism. *Molecular biology of the cell*, 29(20), 2494.

Song X, et al. (2012) Synergistic and multidimensional regulation of plasminogen activator inhibitor type 1 expression by transforming growth factor type β and epidermal growth factor. *The Journal of biological chemistry*, 287(15), 12520.

Clements M, et al. (2011) Crosstalk between Nodal/activin and MAPK p38 signaling is essential for anterior-posterior axis specification. *Current biology : CB*, 21(15), 1289.