

Resource Summary Report

Generated by [RRID](#) on Aug 27, 2026

pFLAG-CMV2-Hsp27-S15D/S78D/S82D

RRID:Addgene_85188

Type: Plasmid

Proper Citation

RRID:Addgene_85188

Plasmid Information

URL: <http://www.addgene.org/85188>

Proper Citation: RRID:Addgene_85188

Insert Name: Hsp27

Organism: Homo sapiens

Bacterial Resistance: Ampicillin

Vector Backbone Description: Vector Backbone:pFLAG-CMV-2; Vector Types:Mammalian Expression; Bacterial Resistance:Ampicillin

Comments: The pFLAG-CMV2-Hsp27 wild-type plasmid was obtained from Dr. Park and is described by Park KJ, Gaynor RB, Kwak YT. J Biol Chem 2003; 278:35272-35278. PMID:12829720

Plasmid Name: pFLAG-CMV2-Hsp27-S15D/S78D/S82D

Relevant Mutation: S15D/S78D/S82D, phosphomimicking mutation

Record Creation Time: 20220422T222549+0000

Record Last Update: 20260815T082127+0000

Ratings and Alerts

No rating or validation information has been found for pFLAG-CMV2-Hsp27-S15D/S78D/S82D.

No alerts have been found for pFLAG-CMV2-Hsp27-S15D/S78D/S82D.

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](#) .

Gallagher ER, et al. (2023) The selective autophagy adaptor p62/SQSTM1 forms phase condensates regulated by HSP27 that facilitate the clearance of damaged lysosomes via lysophagy. Cell reports, 42(2), 112037.

Bonavita R, et al. (2023) The HSPB1-p62/SQSTM1 functional complex regulates the unconventional secretion and transcellular spreading of the HD-associated mutant huntingtin protein. Human molecular genetics, 32(14), 2269.

Li J, et al. (2018) Membrane-associated androgen receptor (AR) potentiates its transcriptional activities by activating heat shock protein 27 (HSP27). The Journal of biological chemistry, 293(33), 12719.