

Resource Summary Report

Generated by [RRID](#) on Sep 2, 2026

pcDNA5/FRT/TO DNAJB1

RRID:Addgene_19468

Type: Plasmid

Proper Citation

RRID:Addgene_19468

Plasmid Information

URL: <http://www.addgene.org/19468>

Proper Citation: RRID:Addgene_19468

Insert Name: DNAJB1

Organism: Homo sapiens

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:18686016](#)

Vector Backbone Description: Backbone Marker:Invitrogen; Backbone Size:5137; Vector Backbone:pcDNA5/FRT/TO; Vector Types:Mammalian Expression; Bacterial Resistance:Ampicillin

Comments: Family: HSP40 Disclaimer: For cloning the various HSP genes, the Stratagene reference RNA for cDNA synthesis was used and genes were amplified from this mixture that originates from 10 different cell lines from different somatic origin and ultimately coming from 10 different individuals. This strategy was used to maximize the chance for the presence of individual HSP transcripts. Users must be aware that this mixture thus represents 20 complete haploid genomes, meaning that for each individual gene there might be polymorphisms that could potentially have functional consequences. The library was sequence verified only for the presence of the correct gene.

Plasmid Name: pcDNA5/FRT/TO DNAJB1

Record Creation Time: 20220422T222046+0000

Record Last Update: 20260902T043437+0000

Ratings and Alerts

No rating or validation information has been found for pcDNA5/FRT/TO DNAJB1.

No alerts have been found for pcDNA5/FRT/TO DNAJB1.

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](#) .

Gonçalves CC, et al. (2021) The chaperone HSPB1 prepares protein aggregates for resolubilization by HSP70. Scientific reports, 11(1), 17139.

De Mena L, et al. (2017) secHsp70 as a tool to approach amyloid- β 42 and other extracellular amyloids. Fly, 11(3), 179.