

Resource Summary Report

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

pET32a-HD46Q

RRID:Addgene_11515

Type: Plasmid

Proper Citation

RRID:Addgene_11515

Plasmid Information

URL: <http://www.addgene.org/11515>

Proper Citation: RRID:Addgene_11515

Insert Name: huntingtin, exon 1, 46Q glutamines

Organism: Homo sapiens

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:12193654](#)

Vector Backbone Description: Backbone Marker:Novagen; Backbone Size:5900; Vector Backbone:pET-32a; Vector Types:Bacterial Expression; Bacterial Resistance:Ampicillin

Plasmid Name: pET32a-HD46Q

Relevant Mutation: huntingtin exon 1 with 46 glutamines, vector modified-removed N-terminal His tag by digesting vector with MscI and NspV, filling in and blunt-end-ligating back together.

Record Creation Time: 20220422T221603+0000

Record Last Update: 20260919T090600+0000

Ratings and Alerts

No rating or validation information has been found for pET32a-HD46Q.

No alerts have been found for pET32a-HD46Q.

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](#) .

Denis HL, et al. (2023) Detection of antibodies against the huntingtin protein in human plasma. Cellular and molecular life sciences : CMLS, 80(2), 45.

Haver HN, et al. (2023) Mechanistic Insight into the Suppression of Polyglutamine Aggregation by SRCP1. ACS chemical biology, 18(3), 549.

Belwal VK, et al. (2021) Inhibition of huntingtin aggregation by its N-terminal 17-residue peptide and its analogs. Archives of biochemistry and biophysics, 712, 109033.

Belwal VK, et al. (2020) The β -turn-supporting motif in the polyglutamine binding peptide QBP1 is essential for inhibiting huntingtin aggregation. FEBS letters, 594(17), 2894.