

Resource Summary Report

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

SOST/pcDNA3.1+

RRID:Addgene_10842

Type: Plasmid

Proper Citation

RRID:Addgene_10842

Plasmid Information

URL: <http://www.addgene.org/10842>

Proper Citation: RRID:Addgene_10842

Insert Name: SOST

Organism: Homo sapiens

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:15908424](#)

Vector Backbone Description: Backbone Size:5428; Vector Backbone:pcDNA3.1+; Vector Types:Mammalian Expression; Bacterial Resistance:Ampicillin

Plasmid Name: SOST/pcDNA3.1+

Record Creation Time: 20220422T221526+0000

Record Last Update: 20260815T080120+0000

Ratings and Alerts

No rating or validation information has been found for SOST/pcDNA3.1+.

No alerts have been found for SOST/pcDNA3.1+.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 7 mentions in open access literature.

Listed below are recent publications. The full list is available at [RRID](#) .

Pisanò CA, et al. (2023) Regulator of G-Protein Signalling 4 (RGS4) negatively modulates nociceptin/orphanin FQ opioid receptor signalling: Implication for L-Dopa-induced dyskinesia. *British journal of pharmacology*, 180(7), 927.

Datta J, et al. (2022) Activity of Estrogen Receptor γ Agonists in Therapy-Resistant Estrogen Receptor-Positive Breast Cancer. *Frontiers in oncology*, 12, 857590.

Martínez-Gil N, et al. (2021) Genetics and Genomics of SOST: Functional Analysis of Variants and Genomic Regulation in Osteoblasts. *International journal of molecular sciences*, 22(2).

Gipson GR, et al. (2020) Characterization of the different oligomeric states of the DAN family antagonists SOSTDC1 and SOST. *The Biochemical journal*, 477(17), 3167.

Khosravi R, et al. (2014) A novel function for lysyl oxidase in pluripotent mesenchymal cell proliferation and relevance to inflammation-associated osteopenia. *PloS one*, 9(6), e100669.

Hiyama A, et al. (2013) A complex interaction between Wnt signaling and TNF- α in nucleus pulposus cells. *Arthritis research & therapy*, 15(6), R189.

Craig TA, et al. (2010) Sclerostin-erbB-3 interactions: modulation of erbB-3 activity by sclerostin. *Biochemical and biophysical research communications*, 402(2), 421.