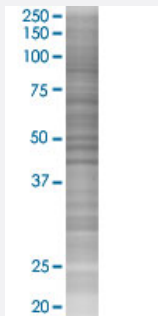


NCSTN 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # H00023385-T02

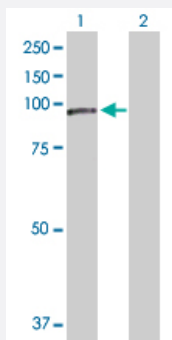
Size 100 uL

Applications



SDS-PAGE Gel

NCSTN transfected lysate.



Western Blot

Lane 1: NCSTN transfected lysate (76.70 KDa)

Lane 2: Non-transfected lysate.

Specification

Transfected Cell Line	293T
Plasmid	pCMV-NCSTN full-length
Host	Human
Theoretical MW (kDa)	76.7
Interspecies Antigen Sequence	Mouse (88); Rat (88)

Quality Control Testing

Transient overexpression cell lysate was tested with Anti-NCSTN antibody ([H00023385-D01P](#)) by Western Blots.
SDS-PAGE Gel
NCSTN transfected lysate.
Western Blot
Lane 1: NCSTN transfected lysate (76.70 KDa)
Lane 2: Non-transfected lysate.

Storage Buffer

1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue)

Storage Instruction

Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot

Gene Info — NCSTN

Entrez GeneID[23385](#)**GeneBank Accession#**[BC047621](#)**Protein Accession#**[AAH47621.1](#)**Gene Name**

NCSTN

Gene Alias

APH2, KIAA0253

Gene Description

nicastrin

Omim ID[605254](#)**Gene Ontology**[Hyperlink](#)**Gene Summary**

This gene encodes a Type I transmembrane glycoprotein that is an integral component of the multimeric gamma-secretase complex. The encoded protein cleaves integral membrane proteins, including Notch receptors and beta-amyloid precursor protein, and may be a stabilizing cofactor required for gamma-secretase complex assembly. The cleavage of beta-amyloid precursor protein yields amyloid beta peptide, the main component of the neuritic plaque and the hallmark lesion in the brains of patients with Alzheimer's disease; however, the nature of the encoded protein's role in Alzheimer's disease is not known for certain. Alternatively spliced transcript variants have been described, but their full-length nature has not been determined. [provided by RefSeq]

Other Designations

ATAG1874|OTTHUMP00000031839|anterior pharynx-defective 2

Pathway

- [Notch signaling pathway](#)

Disease

- [Alzheimer disease](#)
- [Cardiovascular Diseases](#)
- [Cognition](#)
- [Diabetes Complications](#)
- [Genetic Predisposition to Disease](#)
- [Intelligence Tests](#)
- [Metabolic Syndrome X](#)
- [Neoplasms](#)
- [Neuropsychological Tests](#)
- [Osteoporosis](#)
- [Werner syndrome](#)