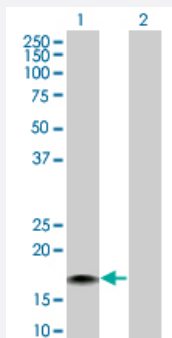


GRIN2C 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # H00002905-T01

Size 100 uL

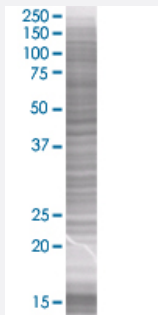
Applications



Western Blot

Lane 1: GRIN2C transfected lysate (17.6 KDa)

Lane 2: Non-transfected lysate.



SDS-PAGE Gel

GRIN2C transfected lysate.

Specification

Transfected Cell Line 293T

Plasmid pCMV-GRIN2C full-length

Host Human

Theoretical MW (kDa) 18.92

Quality Control Testing Transient overexpression cell lysate was tested with Anti-GRIN2C antibody ([H00002905-B01](#)) by Western Blots.
Western Blot
Lane 1: GRIN2C transfected lysate (17.6 KDa)
Lane 2: Non-transfected lysate.
SDS-PAGE Gel
GRIN2C 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 — GRIN2C

Entrez GeneID	2905
GeneBank Accession#	BC059384
Protein Accession#	AAH59384
Gene Name	GRIN2C
Gene Alias	NMDAR2C, NR2C
Gene Description	glutamate receptor, ionotropic, N-methyl D-aspartate 2C
Omim ID	138254
Gene Ontology	Hyperlink
Gene Summary	N-methyl-D-aspartate (NMDA) receptors are a class of ionotropic glutamate receptors. NMDA channel has been shown to be involved in long-term potentiation, an activity-dependent increase in the efficiency of synaptic transmission thought to underlie certain kinds of memory and learning. NMDA receptor channels are heteromers composed of the key receptor subunit NMDAR1 (GRIN1) and 1 or more of the 4 NMDAR2 subunits: NMDAR2A (GRIN2A), NMDAR2B (GRIN2B), NMDAR2C (GRIN2C), and NMDAR2D (GRIN2D).
Other Designations	N-methyl-D-aspartate receptor subunit 2C

Pathway

- [Amyotrophic lateral sclerosis \(ALS\)](#)
- [Calcium signaling pathway](#)
- [Long-term potentiation](#)

- [Neuroactive ligand-receptor interaction](#)

Disease

- [Bipolar Disorder](#)
- [Cognition](#)
- [Disease Models](#)
- [Genetic Predisposition to Disease](#)
- [Schizophrenia](#)
- [Schizophrenic Psychology](#)
- [Weight Gain](#)