

Recombinant Full Length Human GRIN2C Protein, Protein A-tagged

Cat. No. GRIN2C-208HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant full length Human NMDAR2C according to Protein Accession AAH59384.1, with a N terminal proprietary tag: predicted molecular weight 44.88 kDa inclusive of tag.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	171 amino acids
Description	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).
Form	Liquid
Molecular Mass	44.880kDa inclusive of tags
AA Sequence	MGGALGPALLTSLFGAWAGLPGQGEGMTVAVVFSSG PPQAQFRARLTPQS FLDLPLEIQPLTVGVNTTNPSSLLTQ ICGLLGAAHVHGIVFEDNVDTEAVAQILDFFISS

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	QTHVPIL SISGGSAAVLTTPKVHVQTHVPSCLRPGTRLGSGVLWFWEA GIRRDGQG GGG
Purity	Proprietary Purification
Storage	Shipped on dry ice. Upon delivery aliquot and store at -80 centigrade. Avoid freeze / thaw cycles.
Storage Buffer	pH: 8.00. Constituents:0.79% Tris HCl, 0.31% Glutathione.

GENE INFORMATION

Gene Name	GRIN2C glutamate receptor, ionotropic, N-methyl D-aspartate 2C [Homo sapiens]
Official Symbol	GRIN2C
Synonyms	GRIN2C; glutamate receptor, ionotropic, N-methyl D-aspartate 2C; NMDAR2C; glutamate [NMDA] receptor subunit epsilon-3
Gene ID	2905
mRNA Refseq	NM_000835
Protein Refseq	NP_000826
MIM	138254
UniProt ID	Q14957

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