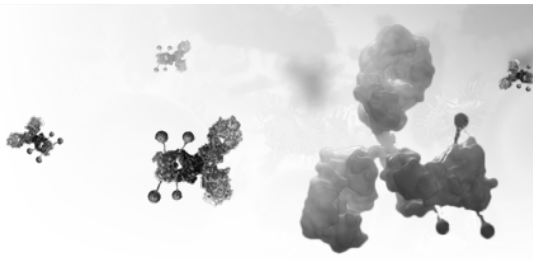

Human GRIN3B peptide (DAG-P0984)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	NMDA receptor subtype of glutamate-gated ion channels with reduced single-channel conductance, low calcium permeability and low voltage-dependent sensitivity to magnesium. Mediated by glycine.
Conjugate	Unconjugated
Sequence Similarities	Belongs to the glutamate-gated ion channel (TC 1.A.10.1) family. NR3B/GRIN3B subfamily.
Format	Liquid
Preservative	None
Storage	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles. Information available upon request.

GENE INFORMATION

Gene Name	GRIN3B glutamate receptor, ionotropic, N-methyl-D-aspartate 3B [Homo sapiens (human)]
Official Symbol	GRIN3B
Synonyms	GRIN3B; glutamate receptor, ionotropic, N-methyl-D-aspartate 3B; NR3B; GluN3B; glutamate receptor ionotropic, NMDA 3B; NMDAR3B; NMDA receptor subunit 3B; glutamate [NMDA] receptor subunit 3B; N-methyl-D-aspartate receptor subtype 3B; NMDA type glutamate receptor subunit NR3B;
Entrez Gene ID	116444
mRNA Refseq	NM_138690.1
Protein Refseq	NP_619635.1

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UniProt ID	O60391
Chromosome Location	19p13.3
Pathway	Alcoholism, organism-specific biosystem; Alcoholism, conserved biosystem; Amphetamine addiction, organism-specific biosystem; Amphetamine addiction, conserved biosystem; Cocaine addiction, organism-specific biosystem; Cocaine addiction, conserved biosystem; Glutamatergic synapse, organism-specific biosystem; Glutamatergic synapse, conserved biosystem; Neuroactive ligand-receptor interaction, organism-specific biosystem; Neuroactive ligand-receptor interaction, conserved biosystem; Nicotine addic
Function	N-methyl-D-aspartate selective glutamate receptor activity; contributes_to calcium channel activity; cation channel activity; extracellular-glutamate-gated ion channel activity; glycine binding; neurotransmitter binding; neurotransmitter receptor activity

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