

Recombinant Full Length Human GRIN3B Protein

Cat. No. GRIN3B-5540HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human GRIN3B full-length ORF (AAI56391.1) recombinant protein without tag.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	404 amino acids
Description	The protein encoded by this gene is a subunit of an N-methyl-D-aspartate (NMDA) receptor. The encoded protein is found primarily in motor neurons, where it forms a heterotetramer with GRIN1 to create an excitatory glycine receptor. Variations in this gene have been proposed to be linked to schizophrenia. [provided by RefSeq, Nov 2015]
Form	Liquid
Molecular Mass	114.8 kDa
AA Sequence	MEFVRALWLGLALALGPGSAGGHPQPCGVLARLGGSVRLGALLPRAPLARARARA ALARAALAPRLPHNLSLELVVAAPPARDPASLTRGLCQALVPPGVAALLAFPEARPE LLQLHFLAAATETPVLSLLRREARAPLGAPNPFHLQLHWASPLETLLDVLVAVLQAHA WEDVGLALCRTQDPGGLVALWTSRAGRPPQLVLDLSRRDTGDAGLRARLAPMAAP VGGEAPVPAAVLLGCDIARARRVLEAVPPGPHWLLGTPLPPKALPTAGLPGLLALG EVARPPLEAAIHDIVQLVARALGSAAQVQPKRALLPAPVNCGDLQPAGPESPGRFLA RFLANTSFQGRTGPVWVTGSSQVHMSRHFVWSLRRDPRGAPAWATVGSWRDG

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

QLDLEPGGASARPPPPQGAQVWPVKLRVVTLEHPFVFARDPDEDGQCPAGQLCLD
 PGTNDSATLDALFAALANGSAPRALRKCCYGYCIDLLERLAEDTPFDFELYLVGDGK
 YGALRDGRWTGLVGDLLAGRAHMAVTSFSINSARSQVVDFTSPFFSTSLGIMVRAR
 DTASPIGAFMWPLHWSTWLGVFALHLTALFLTVEWRSPYGLTPRGRNRSTVFSY
 SSALNLCYAILFRRTVSSKTPKCPTGRLLMNLWAIFCLLVSSYTANLAAVMVGDKTF
 EELSGIHDPKLHHPAQGFRFGTVWESSAEAYIKKSFPDMHAHMRRHSAPTTPRGVA
 MLTSDPPKLNAFIMDKSLLDYEVSIDADCKLLTVGKPFAIEGYGIGLPQNSPLTSNLSE
 FISRYKSSGFIDLLHDKWYKMVPCGKRVFAVTETLQMSIYHFAGLFVLLCLGLGSALL
 SSLGEHAFFRLALPRIRKGSRLQYWLHTSQKIHRALNTEPPEGSKEETAEEAPSGPE
 VEQQQQQQDQPTAPEGWKRARRAVDKERRVRFLLEPAVVVAPEADAEAEAAPRE
 GPVWLCSYGRPPAARPTGAPQPGELQELERRIEVARERLRQALVRRGQLLAQLGD
 SARHRPRRLLQARAAPAEAPPHSGRPGSQE

Applications

Antibody Production
 Functional Study
 Compound Screening

Notes

Best use within three months from the date of receipt of this protein.

Storage

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

Storage Buffer

25 mM Tris-HCl of pH8.0 containing 2% glycerol.

GENE INFORMATION

Gene Name

GRIN3B glutamate receptor, ionotropic, N-methyl-D-aspartate 3B [Homo sapiens]

Official Symbol

GRIN3B

Synonyms

GRIN3B; glutamate receptor, ionotropic, N-methyl-D-aspartate 3B; glutamate [NMDA]
 receptor subunit 3B; GluN3B; NMDAR3B; NMDA receptor subunit 3B; N-methyl-D-

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aspartate receptor subtype 3B; NMDA type glutamate receptor subunit NR3B; NR3B;

Gene ID 116444**mRNA Refseq** NM_138690**Protein Refseq** NP_619635**MIM** 606651**UniProt ID** O60391 Tel: 1-631-559-9269 1-516-512-3133 Email: info@creative-biomart.com  Fax: 1-631-938-8127 45-1 Ramsey Road, Shirley, NY 11967, USA