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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

SZABO-SCANDIC HandelsgmbH

Quellenstraße 110, A-1100 Wien

T. +43(0)1 489 3961-0

F. +43(0)1 489 3961-7

mail@szabo-scandic.com

www.szabo-scandic.com

[linkedin.com/company/szaboscandic](https://www.linkedin.com/company/szaboscandic) 

Datasheet

GRIN1 (Human) Recombinant Protein (Q01)

Catalog Number: H00002902-Q01

Regulation Status: For research use only (RUO)

Product Description: Human GRIN1 partial ORF (NP_015566, 21 a.a. - 120 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence:

ACDPKIVNIGAVLSTRKHEQMFREAVNQANKRHGSWK
IQLNATSVTHKPNAIQMALSVCEDLISSQVYAILVSHPP
TPNDHFTPTVSYTAGFYRIPVLG

Host: Wheat Germ (in vitro)

Theoretical MW (kDa): 36.74

Interspecies Antigen Sequence: Mouse (100); Rat (100)

Applications: AP, Array, ELISA, WB-Re
(See our web site product page for detailed applications information)

Protocols: See our web site at
<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

Preparation Method: [in vitro wheat germ expression system](#)

Purification: Glutathione Sepharose 4 Fast Flow

Storage Buffer: 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

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

Entrez GeneID: 2902

Gene Symbol: GRIN1

Gene Alias: NMDA1, NMDAR1, NR1

Gene Summary: The protein encoded by this gene is a critical subunit of N-methyl-D-aspartate receptors,

members of the glutamate receptor channel superfamily which are heteromeric protein complexes with multiple subunits arranged to form a ligand-gated ion channel. These subunits play a key role in the plasticity of synapses, which is believed to underlie memory and learning. Cell-specific factors are thought to control expression of different isoforms, possibly contributing to the functional diversity of the subunits. Alternatively spliced transcript variants have been described. [provided by RefSeq]

References:

1. Target Molecular-Based Neuroactivity Screening and Analysis of Panax ginseng by Affinity Ultrafiltration, UPLC-QTOF-MS and Molecular Docking. Yu L, Wei F, Liang J, Ren G, Liu X, Wang CZ, Yuan J, Zeng J, Luo Y, Bi Y, Yuan CS. Am J Chin Med. 2019;47(6):1345-1363. doi: 10.1142/S0192415X19500691. Epub 2019 Sep 9.