

Recombinant Human GRINA 293 Cell Lysate

Cat. No. GRINA-5743HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species	Human
Source	HEK293
Description	Antigen standard for glutamate receptor, ionotropic, N-methyl D-aspartate-associated protein 1 (glutamate binding) (GRINA), transcript variant 1 is a lysate prepared from HEK293T cells transiently transfected with a TrueORF gene-carrying pCMV plasmid and then lysed in RIPA Buffer. Protein concentration was determined using a colorimetric assay. The antigen control carries a C-terminal Myc/DDK tag for detection.
Components	This product includes 3 vials: 1 vial of gene-specific cell lysate, 1 vial of control vector cell lysate, and 1 vial of loading buffer. Each lysate vial contains 0.1 mg lysate in 0.1 ml (1 mg/ml) of RIPA Buffer (50 mM Tris-HCl pH7.5, 250 mM NaCl, 5 mM EDTA, 50 mM NaF, 1% NP40). The loading buffer vial contains 0.5 ml 2X SDS Loading Buffer (125 mM Tris-Cl, pH6.8, 10% glycerol, 4% SDS, 0.002% Bromophenol blue, 5% beta-mercaptoethanol).
Size	0.1 mg
Storage Instruction	Store at -80°C. Minimize freeze-thaw cycles. After addition of 2X SDS Loading Buffer, the lysates can be stored at -20°C. Product is guaranteed 6 months from the date of shipment.

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Applications

ELISA, WB, IP. WB: Mix equal volume of lysates with 2X SDS Loading Buffer. Boil the mixture for 10 min before loading (for membrane protein lysates, incubate the mixture at room temperature for 30 min). Load 5 ug lysate per lane.

GENE INFORMATION
Gene Name

GRINA glutamate receptor, ionotropic, N-methyl D-aspartate-associated protein 1 (glutamate binding) [Homo sapiens]

Official Symbol

GRINA

Synonyms

GRINA; glutamate receptor, ionotropic, N-methyl D-aspartate-associated protein 1 (glutamate binding); NMDARA1; protein lifeguard 1; HNRGW; LFG1; TMBIM3; transmembrane BAX inhibitor motif containing 3; putative MAPK-activating protein PM02; NMDA receptor glutamate-binding subunit; glutamate [NMDA] receptor-associated protein 1; transmembrane BAX inhibitor motif-containing protein 3; glutamate receptor, NMDA subtype, glutamate-binding subunit; MGC99687;

Gene ID

2907

mRNA Refseq

NM_000837

Protein Refseq

NP_000828

MIM

138251

UniProt ID

Q7Z429

**Chromosome
Location**

8q24.3

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