

Recombinant Human GRIA1 protein, His-tagged

Cat. No. GRIA1-2701H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human GRIA1 protein(88-287 aa), fused with N-terminal His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	88-287 aa
Tag	N-His
Form	The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization.
Purity	90%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	Short-term storage: Store at 2-8°C for (1-2 weeks). Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, reconstitution with sterile water and addition of an equal volume of glycerol. Avoid repeat freeze-thaw cycles.
Reconstitution	Reconstitute at 0.25 µg/µl in 200 µl sterile water for short-term storage. After reconstitution with sterile water, if glycerol has no effect on subsequent experiments, it is recommended to add an equal volume of glycerol for long-term storage.

 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

AA Sequence

FYERRTVNMLTSFCGALHVCFITPSFPVDTSNQFVLQLRPELQDALISIIDHYKWQKF
 VYIYDADRGLSVLQKVLDTAAEKNWQVTAVNILTTTEEGYRMLFQDLEKKKERLVVV
 DCESERLNAILGQIIKLEKNGIGYHYILANLGFMDIDLNKFKESGANVTGFLVNYTDTI
 PAKIMQQWKNSDARDHTRVDWKRPK

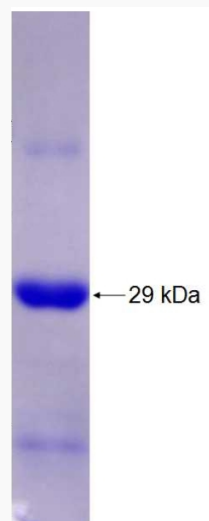
GENE INFORMATION

Gene Name	GRIA1 glutamate receptor, ionotropic, AMPA 1 [Homo sapiens]
Official Symbol	GRIA1
Synonyms	GRIA1; glutamate receptor, ionotropic, AMPA 1; GLUR1; glutamate receptor 1; GluA1; GLURA; AMPA 1; gluR-1; gluR-A; gluR-K1; AMPA-selective glutamate receptor 1; GLUH1; HBGR1; MGC133252;
Gene ID	2890
mRNA Refseq	NM_000827
Protein Refseq	NP_000818
MIM	138248
UniProt ID	P42261

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SDS-PAGE

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