

Recombinant Human GRIA1 protein, His-tagged

Cat. No. GRIA1-3288H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human GRIA1 protein(631-906 aa), fused to His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	631-906 aa
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. The elution buffer contain 300mM imidazole.
AA Sequence	TANLAAFLTVERMVSPIESAEDLAKQTEIAYGTLEAGSTKEFFRRSKIAVFEKMWTYM KSAEPSVFVRTTEEGMIRVRKSKGKYAYLLESTMNEYIEQRKPCDTMKVGGNLDISK GYGIATPKGSALRNPVNLAVLKLNEQGLLDKLNKWWYDKGECGSGGGDSKDKTS ALSLSNVAGVFYILIGGLGLAMLVALIEFCYKSRSESKRMKGFCCLIPQQSINEAIRTSTL PRNSGAGASSGGSGENGRVSHDFPKSMQSIPCMSHSSGMPLGATGL
Purity	85%, 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, buffer containing 50% glycerol is recommended for reconstitution. Avoid repeat freeze-thaw cycles.

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Reconstitution

Reconstitute at 0.25 g/μl in 200 μl sterile water for short-term storage.

Reconstitution with 200 μl 50% glycerol solution is recommended for longer term storage.

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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