

Recombinant Human GRIA2 Protein

Catalog #	Source	Reactivity	Applications
CRP1644	Human cells	Human	E, WB, SDS-PAGE, MS
Description	Recombinant Human GRIA2 Protein is produced by our Mammalian expression system and the target gene encoding Asn25-Ala543 is expressed with a 6His tag at the C-terminus.		
Form	Lyophilized from a 0.2 μM filtered solution of 20mM PB, 150mM NaCl, pH 7.2.		
Gene Symbol	GRIA2		
Alternative Names	GLUR2; Glutamate receptor 2; GluR-2; AMPA-selective glutamate receptor 2; GluR-B; GluR-K2; Glutamate receptor ionotropic, AMPA 2; GluA2		
Entrez Gene	2891 (Human)		
SwissProt	P42262 (Human)		
Purity	Greater than 95% as determined by SEC-HPLC and reducing SDS-PAGE.		
Chemical Structure	<p>NSIQIGGLFP RGADQEYSAF RVGMVQFSTS EFRLTPHIDN LEVANSFAVT NAFCSQFSRG VYAIFGFYDK KSVNTITSFC GTLHVSFITP SFPTDGTHPF VIQMRPDLKG ALLSLVEYYQ WDKFAYLYDS DRGLSTLQAV LDSAAEKKWQ VTAINVGNIN NDKKDEMYRS LFQDLELKKE RRVILDCERD KVNDIVDQVI TIGKHKVKG YH YIIANLGFTD GDLLKIQFGG ANVSGFQIVD YDDSLVSKFI ERWSTLEEKE YPGAHTTTIK YTSALTYDAV QVMTEAFRNL RKQRIEISRR GNAGDCLANP AVPWGQGVEI ERALKQVQVE GLSGNIKFDQ NGKRINY TIN IMELKTNGPR KIGYWSEVDK MVVTLTELPS GNDTSGLENK TVVVTTILES PYVMMKKNHE MLEGNERYEG YCVDLAAEIA KHCGFKYKLT IVGDGKYGAR DADTKIWNGM VGELVYGKAD IAIAPLTITL VREEVIDFSK PFMSLGISIM IKKPQKSKPG VFSFLDPLAV DHHHHHHH</p>		
Quality Control	Endotoxin: Less than 0.1 ng/μg (1 IEU/μg) as determined by LAL test.		
Directions for Use	Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not		
Application key:	E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC- Immunocytochemistry, IP- Immunoprecipitation, CHIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, BL- Blocking, SE- Sandwich ELISA, CBE- Cell-based ELISA, RNAi- RNA interference		
Species reactivity key:	H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, G- Goat, Mk- Monkey, P- Pig, Rb- Rabbit, S- Sheep, Z- Zebrafish		

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Product Data Sheet

recommended to reconstitute to a concentration less than 100 µg/ml. Dissolve the lyophilized protein in 1X PBS. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

Storage/Stability

Lyophilized protein should be stored at -20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 2-8°C for 2-7 days.

Aliquots of reconstituted samples are stable at -20°C for 3 months.

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