

Datasheet: 4670-5144

**BATCH NUMBER 151201**

|                      |                                   |
|----------------------|-----------------------------------|
| <b>Description:</b>  | SYNTHETIC HUMAN GluR2 (aa831-842) |
| <b>Name:</b>         | GluR2 (aa831-842)                 |
| <b>Other names:</b>  | GLUTAMATE RECEPTOR 2              |
| <b>Format:</b>       | Purified                          |
| <b>Product Type:</b> | Purified Protein                  |
| <b>Quantity:</b>     | 50 µg                             |

## Product Details

### Applications

This product has been reported to work in the following applications. This information is derived from testing within our laboratories, peer-reviewed publications or personal communications from the originators. Please refer to references indicated for further information. For general protocol recommendations, please visit [www.bio-rad-antibodies.com/protocols](http://www.bio-rad-antibodies.com/protocols).

|       | Yes | No | Not Determined | Suggested Dilution |
|-------|-----|----|----------------|--------------------|
| ELISA | ■   |    |                |                    |

Where this product has not been tested for use in a particular technique this does not necessarily exclude its use in such procedures. Suggested working dilutions are given as a guide only. It is recommended that the user titrates the product for use in their own system using the appropriate negative/positive controls.

|                                 |   |
|---------------------------------|---|
| <b>Target Species</b>           | Human   |
| <b>Product Form</b>             | Purified synthetic peptide - lyophilised  |
| <b>Reconstitution</b>           | Use sterile distilled water or physiological buffer. Stable at concentrations of $\geq 2$ mg/ml. This product has been lyophilised by rotary evaporation. The peptide will therefore be coating the inside of the vial and will not be visible as a powder at the bottom. |
| <b>Preparation</b>              | Solid phase synthesis   |
| <b>Buffer Solution</b>          | Acetate salt  |
| <b>Preservative Stabilisers</b> | See Buffer solution.  |

### External Database Links

**UniProt:**

[P42262](https://www.uniprot.org/entry/P42262)

[Related reagents](#)

**Entrez Gene:**[2891](#) GRIA2 [Related reagents](#)

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**Synonyms** GLUR2

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**Purity** HPLC: >90%

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**Amino Acid Sequence** INPSSSQNSQNF

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**References** 1. Bettler, B. *et al* (1992) Cloning of a putative glutamate receptor: a low affinity kainate-binding subunit [Neuron 8: 257 - 265](#)

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**Storage** Store at -20°C only.  
Storage in frost-free freezers is not recommended.  
This product should be stored undiluted. Avoid repeated freezing and thawing as this may denature the protein.

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**Guarantee** 12 months from date of despatch

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**Health And Safety Information** Material Safety Datasheet documentation #10165 available at:  
<https://www.bio-rad-antibodies.com/SDS/4670-5144>  
10165

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**Regulatory** For research purposes only

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To find a batch/lot specific datasheet for this product, please use our online search tool at: [bio-rad-antibodies.com/datasheets](https://www.bio-rad-antibodies.com/datasheets)

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