

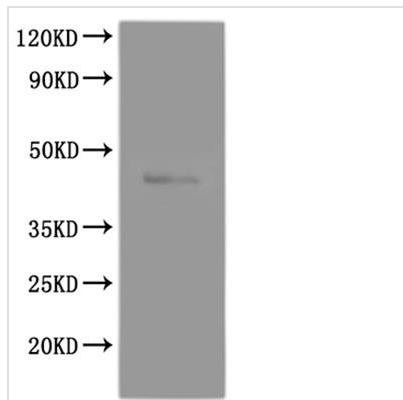


# Recombinant Rat Glutamate receptor ionotropic, NMDA 1 (Grin1), partial-VLPs

|                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|--------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Code</b>      | CSB-MP009911RA2                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Abbreviation</b>      | Recombinant Rat Grin1 protein, partial-VLPs                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Storage</b>           | The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.                                                                                                                                                                   |
| <b>Uniprot No.</b>       | P35439                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Form</b>              | Liquid or Lyophilized powder                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Storage Buffer</b>    | If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.                                                                                                                                                                                                                |
| <b>Product Type</b>      | Recombinant Rat Glutamate receptor ionotropic, NMDA 1 (Grin1), partial-VLPs                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Immunogen Species</b> | Rattus norvegicus (Rat)                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Sensitivity</b>       | Not Test                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>Purity</b>            | The purity information is not available for VLPs proteins.                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Sequence</b>          | TRLKIVTIHQEPFVYVKPTMSDGTCKEEFTVNGDPVKKVICTGPNDTSPGSPRH<br>TVPQCCYGFCIDLLIKLARTMNFYEVHLVADGKFGTQERVNNSNKKKEWNGM<br>MGELLSGQADMIVAPLTINNERAQYIEFSKPFKYQGLTILVKKEIPRSTLDSFMQ<br>PFQSTLWLLVGLSVHVAVMLYLLDRFSPFGRFKVNSEEEEEEDALTSSAMWF<br>SWGVLLNSGIGEGAPRSFSARILGMVWAGFAMIIVASYTANLAAFLVLD RPEER<br>ITGINDPRLRNPSDKFIYATVKQSSVDIYFRRQVELSTMYRHMKEKHNYESAAEA<br>IQAVRDNKLHAFIWDSAVLEFEASQKCDLVTGELFFRSGFGIGMRKDSPWKQ<br>NVSLSILKSHENGFMEDLDKTWVRYQECDS |
| <b>Research Area</b>     | Others                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Source</b>            | Mammalian cell                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>Target Names</b>      | Grin1                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Expression Region</b> | 396-800aa                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>Notes</b>             | The VLPs are expressed from human 293 cells (HEK293). Mix the sample gently by repeatedly pipetting it up and down. Do not vortex. Repeated freezing and thawing is not recommended. Store the protein at -20°C/-80°C upon receiving it, and ensure to avoid repeated freezing and thawing, otherwise, it will affect the protein activity. The immunization strategy should be optimized (antigen dose, regimen and adjuvant).                   |
| <b>Tag Info</b>          | C-terminal 10xHis-tagged(This tag can be tested only under denaturing conditions)                                                                                                                                                                                                                                                                                                                                                                 |
| <b>Mol. Weight</b>       | 47.5 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                          |


**Protein Length**

Partial

**Image**


CSB-MP009911RA2 is detected by Mouse anti-6\*His monoclonal antibody.

**Reconstitution**

We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. Aliquot for long-term storage at -80°C. Solubilize for 60 minutes at room temperature with occasional gentle mixing. Avoid vigorous shaking or vortexing.

**Shelf Life**

The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.