# Recombinant Glutamate Receptor, Ionotropic, AMPA 4 (GRIA4)(N-6His)

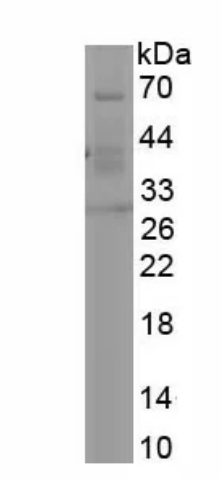
*Catalog#:PEH22381*

## 概述（Summary）

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|---|---|
| **别称（Alternative Names）** | GLUR4; GLUR4C; GLURD; AMPA-selective glutamate receptor 4 |
| **纯度（Purity）** | Greater than 80% as determined by reducing SDS-PAGE. |
| **内毒素（Endotoxin level）** | <1 EU/μg as determined by LAL test. |
| **蛋白构建（Construction）** | 6His-【Ala22-Ala544】 |
| **Accession #** | P48058 |
| **表达宿主（Host）** | E.coli |
| **种属（Species）** | Homo sapiens (Human) |
| **预测分子量（Predicted MW）** | 62.7 kDa |
| **制剂（Form）** | Lyophilized from a 0.2 μm filtered solution of PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300. |
| **运输方式（Shipping）** | The product is shipped with ice bag. Upon receipt, store it immediately at the temperature listed below. |
| **稳定性&储存（Stability &Storage）** | 12 months at -20°C to -80°C in lyophilized state.6 months at -20°C to -80°C under sterile conditions after reconstitution.7-10 days at 2°C to 8°C under sterile conditions after reconstitution.Please minimize freeze-thaw cycles. |
| **复溶（Reconstitution）** | Reconstitute in dd$H_2O$ to a concentration less than or equal to 0.1mg/mL. Do not vortex. |
| **背景介绍（References）** | Receptor for glutamate that functions as ligand-gated ion channel in the central nervous system and plays an important role in excitatory synaptic transmission. L-glutamate acts as an excitatory neurotransmitter at many synapses in the central nervous system. Binding of the excitatory neurotransmitter L-glutamate induces a conformation change, leading to the opening of the cation channel, and thereby converts the chemical signal to an electrical impulse. The receptor then desensitizes rapidly and enters a transient inactive state, characterized by the presence of bound agonist. In the presence of CACNG4 or CACNG7 or CACNG8, shows resensitization which is characterized by a delayed accumulation |

of current flux upon continued application of glutamate.

## 电泳图（SDS-PAGE image）




Greater than 80% as determined by reducing SDS-PAGE.

## 注意事项（Note）

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