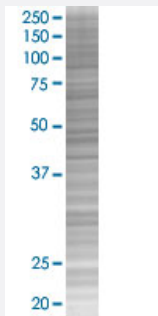


# GRIK2 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # H00002898-T03

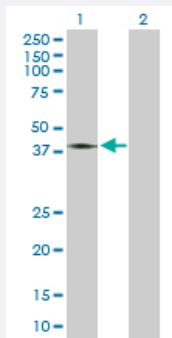
Size 100 uL

## Applications



### SDS-PAGE Gel

GRIK2 transfected lysate.



### Western Blot

Lane 1: GRIK2 transfected lysate ( 38.94 KDa)

Lane 2: Non-transfected lysate.

## Specification

**Transfected Cell Line** 293T

**Plasmid** pCMV-GRIK2 full-length

**Host** Human

**Theoretical MW (kDa)** 38.94

### Quality Control Testing

Transient overexpression cell lysate was tested with Anti-GRIK2 antibody ([H00002898-B01](#)) by Western Blots.

SDS-PAGE Gel

GRIK2 transfected lysate.

Western Blot

Lane 1: GRIK2 transfected lysate ( 38.94 KDa)

Lane 2: Non-transfected lysate.

**Storage Buffer**

1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue)

**Storage Instruction**

Store at -80°C. Aliquot to avoid repeated freezing and thawing.

## Applications

- Western Blot

## Gene Info — GRIK2

**Entrez GeneID**[2898](#)**GeneBank Accession#**[BC037954](#)**Protein Accession#**[AAH37954.1](#)**Gene Name**

GRIK2

**Gene Alias**

EAA4, GLR6, GLUK6, GLUR6, MGC74427, MRT6

**Gene Description**

glutamate receptor, ionotropic, kainate 2

**Omim ID**[138244 611092](#)**Gene Ontology**[Hyperlink](#)**Gene Summary**

Glutamate receptors are the predominant excitatory neurotransmitter receptors in the mammalian brain and are activated in a variety of normal neurophysiologic processes. This gene product belongs to the kainate family of glutamate receptors, which are composed of four subunits and function as ligand-activated ion channels. The subunit encoded by this gene is subject to RNA editing at multiple sites within the first and second transmembrane domains, which is thought to alter the structure and function of the receptor complex. Alternatively spliced transcript variants encoding different isoforms have also been described for this gene. Mutations in this gene have been associated with autosomal recessive mental retardation. [provided by RefSeq]

**Other Designations**

OTTHUMP00000017949|bA487F5.1|excitatory amino acid receptor 4|glutamate receptor 6

## Pathway

- [Neuroactive ligand-receptor interaction](#)

## Disease

- [Autistic Disorder](#)
- [Genetic Predisposition to Disease](#)
- [Huntington disease](#)
- [Mental Disorders](#)
- [Obsessive-Compulsive Disorder](#)
- [Schizophrenia](#)
- [Sexual Dysfunction](#)
- [Sexual Dysfunctions](#)
- [Tobacco Use Disorder](#)