

## Recombinant Human GRID1 Protein, GST-tagged

**Cat. No.** GRID1-5334H    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                              |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Human GRID1 partial ORF ( NP_060021, 349 a.a. - 441 a.a.) recombinant protein with GST-tag at N-terminal.                                                                                                    |
| <b>Species</b>          | Human                                                                                                                                                                                                        |
| <b>Source</b>           | Wheat Germ                                                                                                                                                                                                   |
| <b>Description</b>      | This gene encodes a subunit of glutamate receptor channels. These channels mediate most of the fast excitatory synaptic transmission in the central nervous system and play key roles in synaptic plasticity |
| <b>Molecular Mass</b>   | 35.97 kDa                                                                                                                                                                                                    |
| <b>AA Sequence</b>      | LNCIRKSTKPWNGGRSMLDTIKKGHITGLTGVMFREDSSNPYVQFEILGTTYSETF<br>GKDMRKLATWDSEKGLNGSLQERPMGSRLQGLTLKV                                                                                                             |
| <b>Applications</b>     | Enzyme-linked Immunoabsorbent Assay<br>Western Blot (Recombinant protein)<br>Antibody Production<br>Protein Array                                                                                            |
| <b>Notes</b>            | Best use within three months from the date of receipt of this protein.                                                                                                                                       |
| <b>Storage</b>          | Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.                                                                                                                                     |

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**Storage Buffer** 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

## GENE INFORMATION

**Gene Name** GRID1 glutamate receptor, ionotropic, delta 1 [ Homo sapiens ]

**Official Symbol** GRID1

**Synonyms** GRID1; glutamate receptor, ionotropic, delta 1; glutamate receptor delta-1 subunit; GluD1; KIAA1220; gluR delta-1 subunit;

**Gene ID** 2894

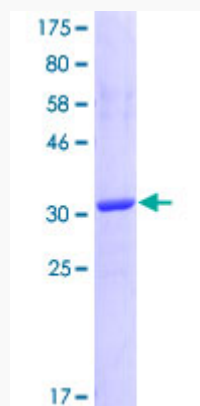
**mRNA Refseq** NM\_017551

**Protein Refseq** NP\_060021

**MIM** 610659

**UniProt ID** Q9ULK0

**Quality Control Testing**



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