

Recombinant Human GRID1

Cat. No. GRID1-28535TH Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant fragment of Human GRID1 with N-terminal proprietary tag. Predicted MW 35.86 kDa.
Species	Human
Source	Wheat Germ
ProteinLength	93 amino acids
Description	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.
Molecular Weight	35.860kDa inclusive of tags
Form	Liquid
Purity	Proprietary Purification
Storage buffer	pH: 8.00 Constituents: 0.79% Tris HCl, 0.3% Glutathione
Storage	Shipped on dry ice. Upon delivery aliquot and store at -80oC. Avoid freeze / thaw cycles.
Sequences of amino	LNCIRKSTKPWNGGRSMLDTIKKGHITGLTGVMFREDSSNPYVQFEILGTTYSETF

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

acids GKDMRKLATWDSEKGLNGSLQERPMGSRLQGLTLKV

Sequence Similarities Belongs to the glutamate-gated ion channel (TC 1.A.10.1) family. GRID1 subfamily.

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; KIAA1220;

Gene ID 2894

mRNA Refseq NM_017551

Protein Refseq NP_060021

MIM 610659

Uniprot ID Q9ULK0

Chromosome Location 10q22

Pathway Neuroactive ligand-receptor interaction, organism-specific biosystem; Neuroactive ligand-receptor interaction, conserved biosystem;

Function extracellular-glutamate-gated ion channel activity; ion channel activity; ionotropic glutamate receptor activity; receptor activity; transporter activity;

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