

Recombinant Human GLRA1 cell lysate

Cat. No. GLRA1-712HCL Lot. No. (See product label)

SPECIFICATION

Species

Human

Description

The protein encoded by this gene is a subunit of a pentameric inhibitory glycine receptor. The receptor mediates postsynaptic inhibition in the central nervous system. Defects in this gene are a cause of startle disease (STHE), also known as hereditary hyperekplexia or congenital stiff-person syndrome. Two transcript variants encoding different isoforms have been found for this gene

Size

100 ul

Storage Buffer

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

Applications

Western Blot;

GENE INFORMATION

Gene Name

GLRA1 glycine receptor, alpha 1 [Homo sapiens]

Official Symbol

GLRA1

Synonyms

GLRA1; glycine receptor, alpha 1; glycine receptor, alpha 1 (startle disease/hyperekplexia) , STHE; glycine receptor subunit alpha-1; startle disease/hyperekplexia; stiff person syndrome; glycine receptor 48 kDa subunit; glycine receptor strychnine-binding subunit; STHE; MGC138878; MGC138879;

 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

| | |
|----------------------------|---|
| Gene ID | 2741 |
| mRNA Refseq | NM_000171 |
| Protein Refseq | NP_000162 |
| MIM | 138491 |
| UniProt ID | P23415 |
| Chromosome Location | 5q33.1 |
| Pathway | Ion channel transport, organism-specific biosystem; Ligand-gated ion channel transport, organism-specific biosystem; Neuroactive ligand-receptor interaction, organism-specific biosystem; Neuroactive ligand-receptor interaction, conserved biosystem; Transmembrane transport of small molecules, organism-specific biosystem; |
| Function | extracellular ligand-gated ion channel activity; extracellular-glycine-gated chloride channel activity; contributes_to extracellular-glycine-gated chloride channel activity; extracellular-glycine-gated chloride channel activity; glycine binding; glycine binding; ion channel activity; protein binding; receptor activity; taurine binding; transmitter-gated ion channel activity; |

 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