

PRODUCT INFORMATION

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| Tag | C-Flag Tag |
| Target | GABR1 |
| Synonyms | GABABR1, GABBR1-3, GB1, GPRC3A |
| Description | Human GABR1 full length protein-synthetic nanodisc |
| Delivery | 6~8weeks |
| Uniprot ID | Q9UBS5 |
| Expression Host | HEK293 |
| Protein Families | GPCR, Secreted, Transmembrane, Druggable Genome, |
| Protein Pathways | GPCRDB Class C Metabotropic glutamate pheromone, |
| Molecular Weight | The human full length GABR1 protein has a MW of 108.3kDa |
| Formulation & Reconstitution | Lyophilized from nanodisc solubilization buffer (20 mM Tris-HCl, 150 mM NaCl, pH 8.0). Normally 5% - 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis for specific instructions. Do not use solvents with a pH below 6.5 or those containing high concentrations of divalent metal ions (greater than 5 mM) in subsequent experiments. |
| Storage & Shipping | Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature. |
| Background | This gene encodes a receptor for gamma-aminobutyric acid (GABA), which is the main inhibitory neurotransmitter in the mammalian central nervous system. This receptor functions as a heterodimer with GABA(B) receptor 2. Defects in this gene may underlie brain disorders such as schizophrenia and epilepsy. Alternative splicing generates multiple transcript variants, but the full-length nature of some of these variants has not been determined. [provided by RefSeq, Jan 2016] |
| Usage | Research use only |
| Conjugate | Unconjugated |

