

PRODUCT INFORMATION

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| Target | GBRA2 |
| Synonyms | DEE78, EIEE78 |
| Description | Human GBRA2 full length protein-synthetic nanodisc |
| Delivery | 6~8weeks |
| Uniprot ID | P47869 |
| Expression Host | HEK293 |
| Protein Families | Ion Channels: Cys-loop Receptors |
| Protein Pathways | N/A |
| Molecular Weight | The human full length GBRA2 protein has a MW of 51.3kDa |
| 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 pH lower than 6.5 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 | GABA is the major inhibitory neurotransmitter in the mammalian brain where it acts at GABA-A receptors, which are ligand-gated chloride channels. Chloride conductance of these channels can be modulated by agents such as benzodiazepines that bind to the GABA-A receptor. At least 16 distinct subunits of GABA-A receptors have been identified. Alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Nov 2013] |
| Usage | Research use only |

