

## PRODUCT INFORMATION

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| <b>Tag</b>                              | C-Flag Tag   |
| <b>Target</b>                           | GBRA3  |
| <b>Synonyms</b>                         | N/A  |
| <b>Description</b>                      | Human GBRA3 full length protein-synthetic nanodisc   |
| <b>Delivery</b>                         | 6~8weeks   |
| <b>Uniprot ID</b>                       | P34903   |
| <b>Expression Host</b>                  | HEK293   |
| <b>Protein Families</b>                 | Ion Channels: Cys-loop Receptors   |
| <b>Protein Pathways</b>                 | N/A  |
| <b>Molecular Weight</b>                 | The human full length GBRA3 protein has a MW of 55.2kDa  |
| <b>Formulation &amp; Reconstitution</b> | 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 of reconstitution.   |
| <b>Storage&amp;Shipping</b>             | 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.  |
| <b>Background</b>                       | 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. [provided by RefSeq, Jul 2008] |
| <b>Usage</b>                            | Research use only  |
| <b>Conjugate</b>                        | Unconjugated   |

