

## **PRODUCT INFORMATION**

TargetGBRA4SynonymsN/ADescriptionHuman GBRA4-Strep full length protein-synthetic nanodiscDelivery6~8weeksUniprot IDP48169Expression HostHEK293Protein FamiliesIon Channels: Cys-loop ReceptorsProtein PathwaysN/AMolecular WeightMy of 61.6 kDa Lyophilized from nanodisc solubilization buffer (20 mM Tris-HCI, 150 mM NaC), pH 8.0). Normally 5% - 8% trehalose is added as protectants before lyophilized from nanotics colubilization buffer (20 mM Tris-HCI, 150 mM NaC), pH 8.0). Normally 5% - 8% trehalose is added as protectants before lyophilized from nanotics colubilization buffer (20 mM Tris-HCI, 150 mM NaC), pH 8.0). Normally 5% - 8% trehalose is added as protectanting high concentrations of divalent metal ions (greater than 5 mil) in subsequent experiments. Store at - 20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not inhended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature. Gamma-aminobutyric acid (GABA) is the major inhibitory neurotransmitter in the mammalian brain where it acts at GABA-A receptors, which are ligan/gated chloride channels. Chloride conductance of these channels can be modulated by agents such as berodiazepines that bind to the GABA-A receptor At least 16 distint subunits of GABA-A receptors have been identified. This gene encodes subunit alpha-4, which is involved in the edology of autism and eventually increases autism nisk through interaction with another subunit, gamma-aminobutyric acid receptor beta-1 (GABRB1). Alternatively spliced transcript variants encoding different isoforms have been found in this ge	Tag	C-Flag&Strep Tag
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