

PRODUCT INFORMATION

Tag	C-Flag&Strep Tag
Target	GBRG3
Synonyms	N/A
Description	Human GBRG3-Strep full length protein-synthetic nanodisc
Delivery	6~8weeks
Uniprot ID	Q99928
Expression Host	HEK293
Protein Families	Ion Channels: Cys-loop Receptors
Protein Pathways	N/A
Molecular Weight	The human full length GBRG3-Strep protein has a MW of 54.3 kDa
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 gamma-aminobutyric acid (GABA) receptor. 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. GABA-A receptors are pentameric, consisting of proteins from several subunit classes: alpha, beta, gamma, delta and rho. The protein encoded by this gene is a gamma subunit, which contains the benzodiazepine binding site. Two transcript variants encoding distinct isoforms have been found for this gene. [provided by RefSeq, Aug 2012]
Usage	Research use only
Conjugate	Unconjugated

