

PRODUCT INFORMATION

Target	GPR6
Synonyms	G-protein coupled receptor 6; Sphingosine 1-phosphate receptor GPR6
Description	Human GPR6 full length protein-synthetic nanodisc
Delivery	6~8weeks
Uniprot ID	P46095
Expression Host	HEK293
Protein Families	GPCR,Transmembrane,Druggable Genome,
Protein Pathways	GPCRDB Class A Rhodopsin-like,
Molecular Weight	The human full length GPR6 protein has a MW of 37.9kDa
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	Orphan receptor with constitutive G(s) signaling activity that activate cyclic AMP. Promotes neurite outgrowth and blocks myelin inhibition in neurons (By similarity).[UniProtKB/Swiss-Prot Function]
Usage	Research use only

