

PRODUCT INFORMATION

Target	GP139
Synonyms	GPRg1, PGR3
Description	Human GP139 full length protein-synthetic nanodisc
Delivery	6~8weeks
Uniprot ID	Q6DWJ6
Expression Host	HEK293
Protein Families	Transmembrane,Druggable Genome,
Protein Pathways	N/A
Molecular Weight	The human full length GP139 protein has a MW of 40.7kDa
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	This gene encodes a member of the rhodopsin family of G-protein-coupled receptors. The encoded protein is almost exclusively expressed in the central nervous system. L-tryptophan and L-phenylalanine may act as the physiologic ligands of the encoded protein. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jan 2016]
Usage	Research use only

