

PRODUCT INFORMATION

Tag	C-Flag Tag
Expression Host	HEK293
Target	GPR157
Synonyms	G-protein coupled receptor 157
Description	Human GPR157 full length protein-synthetic nanodisc
Uniprot ID	Q5UAW9
Protein Families	Transmembrane, Druggable Genome,
Protein Pathways	N/A
Molecular Weight	The human full length GP157 protein has a MW of 36.6kDa
Delivery	6~8weeks
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 of reconstitution
Sterility	Products are supplied non-sterile. For cell culture applications, dilute in appropriate medium and sterile-filter (0.22 µm) prior to use. 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.
Storage&Shipping	
Background	Orphan receptor that promotes neuronal differentiation of radial glial progenitors (RGPs). The activity of this receptor is mediated by a G(q)-protein that activates a phosphatidylinositol-calcium second messenger.[UniProtKB/Swiss-Prot Function]
Usage	Research use only
Conjugate	Unconjugated

