

Synthetic Nanodisc Human GPR31 Protein (A324769)

Specifications:

Name:	Synthetic Nanodisc Human GPR31 Protein
Description:	Synthetic nanodiscs offer a stable and biologically relevant environment that closely mimics cell membranes and enables full-length transmembrane human GPR31 protein to be purified and analysed in vitro.
Expression System:	HEK293 cells
Nature:	Synthetic
Protein Species:	Human
Protein Length:	Full length protein.
Tag:	C-terminal Flag Tag
Molecular Weight:	Full length human GPR31 protein has a MW of 35.1 kDa.
Conjugate:	Unconjugated
Product Form:	Lyophilized
Concentration:	Reconstitution dependent.
Formulation:	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.
Storage:	Shipped at 4°C. Lyophilized: Store at -20°C to -80°C. Reconstituted: Aliquot and store at -80°C. Product is stable for one year. Avoid freeze/thaw cycles.
Disclaimer:	This product is for research use only. It is not intended for diagnostic or therapeutic use.

Images:

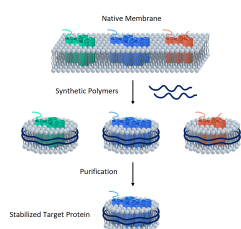


Diagram showing how synthetic nanodiscs containing full-length multi-pass transmembrane proteins in a phospholipid bilayer are generated from native cell membranes.