

PRODUCT INFORMATION

Tag	C-Flag&Strep Tag
Target	G137A
Synonyms	C11orf4, GPR137A, TM7SF1L1
Description	Human G137A-Strep full length protein-synthetic nanodisc
Delivery	6~8weeks
Uniprot ID	Q96N19
Expression Host	HEK293
Protein Families	Transmembrane,Druggable Genome,
Protein Pathways	N/A
Molecular Weight	The human full length G137A-Strep protein has a MW of 46.1 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	Lysosomal integral membrane protein that may regulate MTORC1 complex translocation to lysosomes (PubMed:31036939). May play a role in autophagy (PubMed:31036939).[UniProtKB/Swiss-Prot Function]
Usage	Research use only
Conjugate	Unconjugated

