

**HDFP976**

## Product Information

<b>Product SKU:</b>	HDFP976	<b>Expression Host:</b>	HEK293	<b>Size:</b>	10µg
<b>Target:</b>	G137A	<b>Tag:</b>	C-Flag&Strep Tag		

## Additional Information

<b>Conjugate:</b>	Unconjugated	<b>Uniprot ID:</b>	Q96N19
<b>Molecular Weight:</b>	The human full length G137A-Strep protein has a MW of 46.1 kDa		

## Protein Information

**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]

**Synonyms:** C11orf4, GPR137A, TM7SF1L1

**Protein Description:** Human G137A-Strep full length protein-synthetic nanodisc

**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. 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.

**Protein Pathways:** -

**Protein Families:** Transmembrane, Druggable Genome.

**Usage:** Research use only

**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.