

HDFP1018

---

## Product Information

<b>Product SKU:</b>	HDFP1018	<b>Expression Host:</b>	HEK293	<b>Size:</b>	10µg
<b>Target:</b>	GPR12	<b>Tag:</b>	C-Flag&Strep Tag		

---

## Additional Information

<b>Conjugate:</b>	Unconjugated	<b>Uniprot ID:</b>	P47775
<b>Molecular Weight:</b>	The human full length GPR12-Strep protein has a MW of 36.7 kDa		

---

## Protein Information

**Background:** Promotes neurite outgrowth and blocks myelin inhibition in neurons (By similarity). Receptor with constitutive G(s) signaling activity that stimulates cyclic AMP production.[UniProtKB/Swiss-Prot Function]

**Synonyms:** GPCR12, GPCR21, PPP1R84

**Protein Description:** Human GPR12-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:** GPCRDB Class A Rhodopsin-like.

**Protein Families:** GPCR, 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.

**Contact Details | Dublin, Ireland**

**Email:** [techsupport@assaygenie.com](mailto:techsupport@assaygenie.com) | **Web:** [www.assaygenie.com](http://www.assaygenie.com)

Copyright © 2024 Assay Genie Ltd, All Rights Reserved. All information / detail is correct at time of going to print.