

## PRODUCT INFORMATION

<b>Tag</b>	C-Flag&Strep Tag
<b>Expression Host</b>	HEK293
<b>Target</b>	AGRG4
<b>Synonyms</b>	GPR112, PGR17, RP1-299I16
<b>Description</b>	Human AGRG4-Strep full length protein-synthetic nanodisc
<b>Uniprot ID</b>	Q8IZF6
<b>Protein Families</b>	Transmembrane, Druggable Genome,
<b>Protein Pathways</b>	N/A
<b>Molecular Weight</b>	The human full length AGRG4-Strep protein has a MW of 333.4 kDa
<b>Delivery</b>	6~8weeks
<b>Formulation &amp; Reconstitution</b>	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.
<b>Sterility</b>	Products are supplied non-sterile. For cell culture applications, dilute in appropriate medium and sterile-filter (0.22 µm) prior to use.
<b>Storage&amp;Shipping</b>	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.
<b>Background</b>	This gene encodes a G-protein coupled receptor belonging to a large family of diverse integral membrane proteins that participate in various physiological functions. Members of this superfamily are characterized by a signature 7-transmembrane domain motif. The ligand for this family member is unknown, and it is therefore an orphan receptor. This receptor is known to be expressed in normal enterochromaffin cells and in gastrointestinal neuroendocrine carcinoma cells, and it is therefore considered to be a novel biomarker or target for immunotherapy. [provided by RefSeq, May 2010]
<b>Usage</b>	Research use only
<b>Conjugate</b>	Unconjugated

