

HDFP273

## Product Information

<b>Product SKU:</b>	HDFP273	<b>Expression Host:</b>	HEK293	<b>Size:</b>	10µg
<b>Target:</b>	GP174	<b>Tag:</b>	C-Flag Tag		

## Additional Information

<b>Conjugate:</b>	Unconjugated	<b>Uniprot ID:</b>	Q9BXC1
<b>Molecular Weight:</b>	The human full length GP174 protein has a MW of 38.5kDa		

## Protein Information

<b>Background:</b>	This gene encodes a protein belonging to the G protein-coupled receptor superfamily. These proteins are characterized by the presence of seven alpha-helical transmembrane domains, and they activate or interact with various endogenous or exogenous ligands, including neurotransmitters, hormones, and odorant and taste substances. This family member is classified as an orphan receptor because the cognate ligand has not been identified. [provided by RefSeq, Sep 2011]
<b>Synonyms:</b>	FKSG79, GPCR17, LYPSR3
<b>Protein Description:</b>	Human GP174 full length protein-synthetic nanodisc
<b>Formulation:</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>Protein Pathways:</b>	GPCRDB Class A Rhodopsin-like.
<b>Protein Families:</b>	GPCR, Transmembrane, Druggable Genome.
<b>Usage:</b>	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.