

HDFP1071

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**Product Information**

<b>Product SKU:</b>	HDFP1071	<b>Expression Host:</b>	HEK293	<b>Size:</b>	10µg
<b>Target:</b>	MCHR1	<b>Tag:</b>	C-Flag&Strep Tag		

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**Additional Information**

<b>Conjugate:</b>	Unconjugated	<b>Uniprot ID:</b>	Q99705
<b>Molecular Weight:</b>	The human full length MCHR1-Strep protein has a MW of 46 kDa		

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**Protein Information**

**Background:** The protein encoded by this gene, a member of the G protein-coupled receptor family 1, is an integral plasma membrane protein which binds melanin-concentrating hormone. The encoded protein can inhibit cAMP accumulation and stimulate intracellular calcium flux, and is probably involved in the neuronal regulation of food consumption. Although structurally similar to somatostatin receptors, this protein does not seem to bind somatostatin. [provided by RefSeq, Jul 2008]

**Synonyms:** GPR24, MCH-1R, MCH1R, SLC-1, SLC1

**Protein Description:** Human MCHR1-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, Metabolic and Obesity.

**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.