

# Human GPR84 Full-Length Bioactive Membrane Protein

## HDFP110



### Product Information

**Product SKU:**

HDFP110

**Size:**

10µg

**Molecular Weight:**

The human full length GPR84 protein has a MW of 43.7 kDa

**Expression System:**

HEK293

**Uniprot:**

Q9NQS5

**Target:**

GPR84

### Antibody Information

**Background:**

Receptor for medium-chain free fatty acid (FFA) with carbon chain lengths of C9 to C14. Capric acid (C10:0), undecanoic acid (C11:0) and lauric acid (C12:0) are the most potent agonists. Not activated by short-chain and long-chain saturated and unsaturated FFAs. Activation by medium-chain free fatty acid is coupled to a pertussis toxin sensitive G(i/o) protein pathway. May have important roles in processes from fatty acid metabolism to regulation of the immune system. [UniProtKB/Swiss-Prot Function]

**Description:**

Human GPR84 full length protein-synthetic nanodisc

**Protein Family:**

Druggable Genome, GPCR, Transmembrane

**Synonyms:**

EX33; GPCR4

**Storage:**

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.

**Usage:**

Research use only

**Form:**

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.

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