

Human TSHR Full-Length Bioactive Membrane Protein

HDFP026



Product Information

Product SKU:

HDFP026

Size:

10µg

Molecular Weight:

The human full length TSHR protein has a MW of 86.8 kDa

Expression System:

HEK293

Uniprot:

P16473

Target:

TSHR

Antibody Information

Background:

The protein is a membrane protein and a major controller of thyroid cell metabolism. The encoded protein is a receptor for thyrotropin and thyrostimulin, and its activity is mediated by adenylate cyclase. Defects in this gene are a cause of several types of hyperthyroidism.

Description:

Human TSHR full length protein-synthetic nanodisc

Protein Family:

Druggable Genome, GPCR, Transmembrane

Protein Pathways:

Autoimmune thyroid disease, Neuroactive ligand-receptor interaction

Synonyms:

CHNG1; hTSHR-I; LGR3

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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