

## Active Recombinant Human TSHR Full Length Transmembrane protein(Nanodisc)

Cat. No. TSHR-2048H Lot. No. (See product label)

### SPECIFICATION

**Product Overview**

Recombinant Human TSHR Full Length Transmembrane protein(P16473), was expressed in HEK293.

**Species**

Human

**Source**

HEK293

**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.

**Bio-activity**

Elisa plates were pre-coated with Flag Tag TSHR-Nanodisc (0.2µg/per well). Serial diluted anti-Flag monoclonal antibody solutions were added, washed, and incubated with secondary antibody before Elisa reading. From above data, the EC50 for anti-Flag monoclonal antibody binding with TSHR-Nanodisc is 2.108ng/ml.

**Molecular Mass**

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

**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.

**Reconstitution**

It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

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**Full Length** Full L.

## GENE INFORMATION

**Gene Name** TSHR thyroid stimulating hormone receptor [ Homo sapiens ]

**Official Symbol** TSHR

**Synonyms** TSHR; thyroid stimulating hormone receptor; thyrotropin receptor; LGR3; TSH-R; thyrotropin receptor-I, hTSHR-I; seven transmembrane helix receptor; thyroid-stimulating hormone receptor; thyroid stimulating hormone receptor, isoform 2; CHNG1; hTSHR-I; MGC75129;

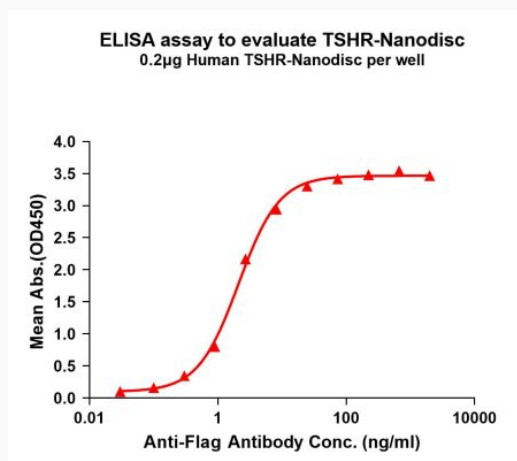
**Gene ID** 7253

**mRNA Refseq** NM\_000369

**Protein Refseq** NP\_000360

**UniProt ID** P16473

## Activity

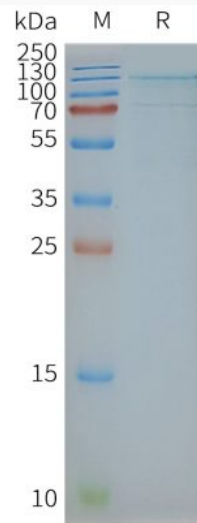


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**SDS-PAGE**



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