

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


**Cat. No.** TSHR-304H    **Lot. No.** (See product label)

## SPECIFICATION

<b>Product Overview</b>	Active Recombinant Human TSHR Full Length Transmembrane protein(VLP)(P16473)(21-764 aa) was expressed in HEK293.
<b>Species</b>	Human
<b>Source</b>	HEK293
<b>ProteinLength</b>	21-764 aa
<b>Form</b>	Supplied as 0.2 µm filtered solution in PBS, Arginine, pH7.4 with trehalose as protectant.
<b>Bio-activity</b>	Immobilized Human TSHR Full Length Protein (VLP) at 5 µg/mL (100 µL/well) can bind Anti-Human TSHR/LGR3 Antibody with a linear range of 0.5-16 ng/mL.
<b>Endotoxin</b>	Less than 1.0 EU per µg by the LAL method / rFC method.
<b>Purity</b>	>95% as determined by SEC-HPLC.
<b>Storage</b>	This product is stable after storage at: The product MUST be stored at -70°C or lower upon receipt; -70°C for 12 months under sterile conditions.
<b>Concentration</b>	0.1-0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

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## 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

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