

Active Recombinant Human TSHR Full Length Transmembrane protein(VLPs)

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

SPECIFICATION

Product Overview	Active Recombinant Human TSHR Full Length Transmembrane protein(VLPs)(P16473)(Met1-Leu764) is expressed from HEK293.
Species	Human
Source	HEK293
ProteinLength	1-764 aa
Form	Supplied as 0.22µm filtered solution in PBS, 300mM L-arginine (pH 7.4).
Bio-activity	Immobilized Human TSHR VLP at 5µg/ml (100µl/well) on the plate. Dose response curve for Anti-TSHR Antibody, hFc Tag with the EC50 of 56.5ng/ml determined by ELISA.
Molecular Mass	The target protein has a predicted MW of 87.81 kDa.
Endotoxin	Less than 1 EU per µg by the LAL method.
Purity	> 95% as determined by HPLC
Storage	Valid for 12 months from date of receipt when stored at -80°C. Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.

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Concentration 0.1-1.0 mg/mL. Centrifuge the vial at 4°C before opening to recover the entire contents.

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;

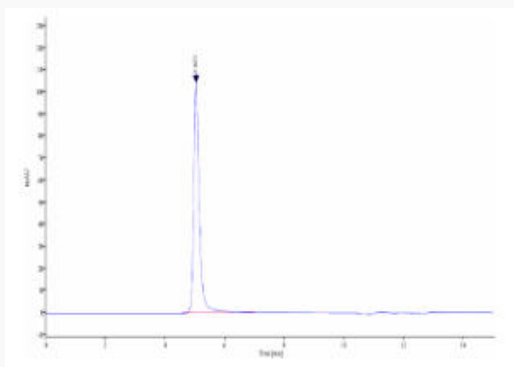
Gene ID 7253

mRNA Refseq NM_000369

Protein Refseq NP_000360

UniProt ID P16473

SEC-HPLC

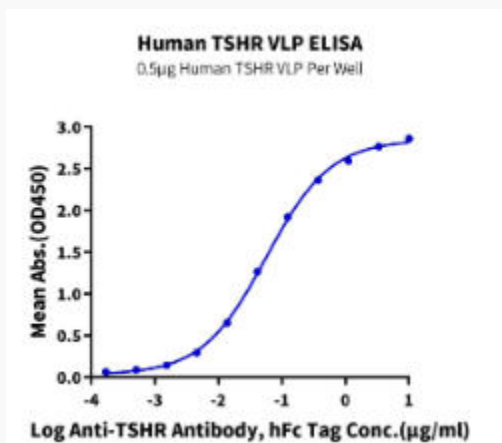


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ELISA Data



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