

Recombinant Human TSHR, His-tagged

Cat. No. TSHR-3448H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human TSHR protein, fused to His-tag, was expressed in E.coli and purified by Ni-sepharose.
Species	Human
Source	E.coli
ProteinLength	1-253aa
Storage	The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.
Storage Buffer	1M PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH8.) added with 300mM Imidazole and 0.7% Sarcosyl, 15% glycerol.

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;

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Gene ID	7253
mRNA Refseq	NM_000369
Protein Refseq	NP_000360
UniProt ID	P16473
Chromosome Location	14q24-q31
Pathway	Arf6 signaling events, organism-specific biosystem; Arf6 trafficking events, organism-specific biosystem; Autoimmune thyroid disease, organism-specific biosystem; Autoimmune thyroid disease, conserved biosystem; Class A/1 (Rhodopsin-like receptors), organ
Function	protein binding; receptor activity; signal transducer activity; thyroid-stimulating hormone receptor activity; thyroid-stimulating hormone receptor activity;

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