

Recombinant Human thyroid stimulating hormone receptor Protein, His tagged

Cat. No. TSHR-14H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human Thyroid Stimulating Hormone Receptor produced in E. coli forms a dimer migrating at 46 kDa on SDS-PAGE. TSHR human contains multiple Leucine rich repeats with a histidine tag at N-terminus and purified by proprietary chromatographic technique.
Species	Human
Source	E.coli
ProteinLength	Full Length
Description	The protein encoded by this gene is a membrane protein and a major controller of thyroid cell metabolism. The encoded protein is a receptor for thyrothropin and thyrostimulin, and its activity is mediated by adenylate cyclase. Defects in this gene are a cause of several types of hyperthyroidism. Three transcript variants encoding different isoforms have been found for this gene.
Tag	N-His
Form	Sterile Filtered clear solution.
Molecular Mass	46 kDa
Purity	> 85%

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Applications	TSH receptor autoantibody.
Notes	Our products are furnished for LABORATORY RESEARCH USE ONLY. The product may not be used as drugs, agricultural or pesticidal products, food additives or household chemicals.
Storage	Store at 4 centigrade if entire vial will be used within 2-4 weeks. Store, frozen at -20 centigrade for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.
Storage Buffer	PBS & 25mM K2CO3.
Shipping	Ice Packs

GENE INFORMATION

Gene Name	TSHR thyroid stimulating hormone receptor [Homo sapiens (human)]
Official Symbol	TSHR
Synonyms	TSHR; thyroid stimulating hormone receptor; thyrotropin receptor; TSH receptor; seven transmembrane helix receptor; thyrotropin receptor-I, hTSHR-I
Gene ID	7253
mRNA Refseq	NM_000369
Protein Refseq	NP_000360
MIM	603372

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UniProt ID

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