

Recombinant Human TSHR cell lysate, Myc/DDK-tagged

Cat. No. TSHR-717HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human TSHR transient overexpression lysate (as WB positive control) with a C-terminal Myc/DDK tag was expressed in HEK293 cells.
Species	Human
Source	HEK293
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.
Molecular Mass	86.83 kDa
Usage	1 vial of 20 g lyophilized gene specific transient over-expression cell lysate.
Stability	Lysate samples are stable for 12 months from date of receipt when stored at -20 centigrade. Lysate samples can be diluted with 2xSDS Sample Buffer provided. After dilution, the protein sample should be aliquoted and stored at -20centigrade for long term storage. Lysate samples are stable for 12 months from date of receipt when stored at -20centigrade.
Storage	Upon receiving, store the sample at -20 centigrade. Avoid repeated freeze-thaw cycles after reconstitution.

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GENE INFORMATION

Gene Name	TSHR thyroid stimulating hormone receptor [Homo sapiens (human)]
Official Symbol	TSHR
Synonyms	TSHR; thyroid stimulating hormone receptor; LGR3; CHNG1; hTSHR-I; thyrotropin receptor; TSH receptor; seven transmembrane helix receptor; thyroid stimulating hormone receptor, isoform 2; thyrotropin receptor-I, hTSHR-I
Gene ID	7253
mRNA Refseq	NM_000369
Protein Refseq	NP_000360
MIM	603372
UniProt ID	P16473

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