

## Recombinant Human TSHR cell lysate, Myc/DDK-tagged

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

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human TSHR transient overexpression lysate (as WB positive control) with a C-terminal Myc/DDK tag was expressed in HEK293 cells.
<b>Species</b>	Human
<b>Source</b>	HEK293
<b>Description</b>	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.
<b>Molecular Mass</b>	86.83 kDa
<b>Usage</b>	1 vial of 20 g lyophilized gene specific transient over-expression cell lysate.
<b>Stability</b>	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.
<b>Storage</b>	Upon receiving, store the sample at -20 centigrade. Avoid repeated freeze-thaw cycles after reconstitution.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

**GENE INFORMATION**

<b>Gene Name</b>	TSHR thyroid stimulating hormone receptor [ Homo sapiens (human) ]
<b>Official Symbol</b>	TSHR
<b>Synonyms</b>	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
<b>Gene ID</b>	7253
<b>mRNA Refseq</b>	NM_000369
<b>Protein Refseq</b>	NP_000360
<b>MIM</b>	603372
<b>UniProt ID</b>	P16473

 Tel: 1-631-559-9269 1-516-512-3133 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127 45-1 Ramsey Road, Shirley, NY 11967, USA