

Recombinant Human TSHR protein, His&Fc&Avi-tagged

Cat. No. TSHR-33H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of Human thyroid stimulating hormone receptor (TSHR), transcript variant 1, Met22-Gly413, with C-terminal Human FC-AVI plus and His tag, expressed in CHO cells.
Species	Human
Source	HEK293
ProteinLength	Met22-Gly413
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	His&Fc&Avi
Molecular Mass	74.6 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Notes	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.

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Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80°C after receiving vials.
Concentration	>0.05 µg/µL as determined by microplate BCA method
Storage Buffer	PBS, pH 7.4, 10% glycerol

GENE INFORMATION

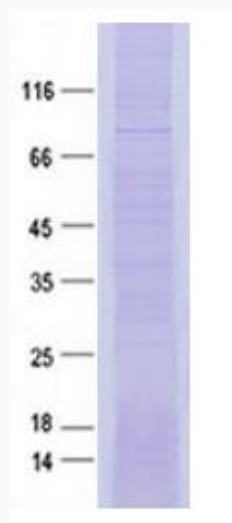
Gene Name	TSHR thyroid stimulating hormone receptor [Homo sapiens (human)]
Official Symbol	TSHR
Synonyms	CHNG1; hTSHR-I; LGR3; TSHR
Gene ID	7253
mRNA Refseq	NM_000369
Protein Refseq	NP_000360
MIM	603372
UniProt ID	P16473

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Purified recombinant protein TSHR was analyzed by SDS-PAGE gel and Coomossie Blue Staining.



SDS-PAGE

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