

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

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

SPECIFICATION

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|-------------------------|--|
| 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 thyrotropin 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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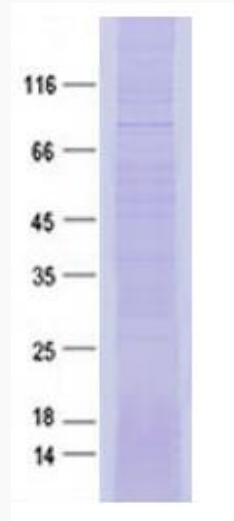
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|-------------------------|---|
| Stability | Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles. |
| Storage | Store at -80°C after receiving vials. |
| Concentration | >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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