

## Recombinant Mouse Tshr protein, His-tagged

**Cat. No.** Tshr-5076M    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                               |
|-------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Mouse Tshr protein(P47750)(22-413aa), fused to N-terminal His tag, was expressed in HEK293.                                                                                                                                                       |
| <b>Species</b>          | Mouse                                                                                                                                                                                                                                                         |
| <b>Source</b>           | HEK293                                                                                                                                                                                                                                                        |
| <b>ProteinLength</b>    | 22-413aa                                                                                                                                                                                                                                                      |
| <b>Form</b>             | <p>If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol.</p> <p>If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.</p>              |
| <b>Molecular Mass</b>   | 46.9                                                                                                                                                                                                                                                          |
| <b>Purity</b>           | Greater than 85% as determined by SDS-PAGE.                                                                                                                                                                                                                   |
| <b>Storage</b>          | Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.                                                                                                                                                |
| <b>Reconstitution</b>   | Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. |

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## GENE INFORMATION

|                 |                                                                                                                                                |
|-----------------|------------------------------------------------------------------------------------------------------------------------------------------------|
| Gene Name       | Tshr thyroid stimulating hormone receptor [ Mus musculus ]                                                                                     |
| Official Symbol | Tshr                                                                                                                                           |
| Synonyms        | TSHR; thyroid stimulating hormone receptor; thyrotropin receptor; TSH-R; thyroid-stimulating hormone receptor; hyt; pet; AI481368; hypothroid; |
| Gene ID         | 22095                                                                                                                                          |
| mRNA Refseq     | NM_001113404                                                                                                                                   |
| Protein Refseq  | NP_001106875                                                                                                                                   |

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