

## Recombinant Rat TSHB Protein (21-132 aa), His-Myc-tagged

**Cat. No.** TSHB-2813R    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                              |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Rat TSHB Protein (21-132 aa) is produced by Baculovirus expression system. This protein is fused with a 10xHis tag at the N-terminal and a Myc tag at the C-terminal. Research Area: Cancer. Protein Description: Full Length of Mature Protein. |
| <b>Species</b>          | Rat                                                                                                                                                                                                                                                          |
| <b>Source</b>           | Insect Cells                                                                                                                                                                                                                                                 |
| <b>ProteinLength</b>    | 21-132 aa                                                                                                                                                                                                                                                    |
| <b>Description</b>      | Indispensable for the control of thyroid structure and metabolism.                                                                                                                                                                                           |
| <b>Form</b>             | Tris-based buffer, 50% glycerol                                                                                                                                                                                                                              |
| <b>Molecular Mass</b>   | 16.9 kDa                                                                                                                                                                                                                                                     |
| <b>AA Sequence</b>      | FCIPTEYMMYVDRRECA YCLTINTTICAGYCMTRDINGKLFLPKYALSQDVCTYRDFT<br>YRTVEIPGCPHHVAPYFSYPVALSCKCGKCNTDYS DCTHEAVKTN YCTKPQTFY                                                                                                                                      |
| <b>Purity</b>           | > 85% as determined by SDS-PAGE.                                                                                                                                                                                                                             |
| <b>Notes</b>            | Repeated freezing and thawing is not recommended. Store working aliquots at 4 centigrade for up to one week.                                                                                                                                                 |

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**Storage** The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20 centigrade/-80 centigrade. The shelf life of lyophilized form is 12 months at -20 centigrade/-80 centigrade.

**Concentration** A hardcopy of COA will be sent along with the products. Please refer to it for detailed information.

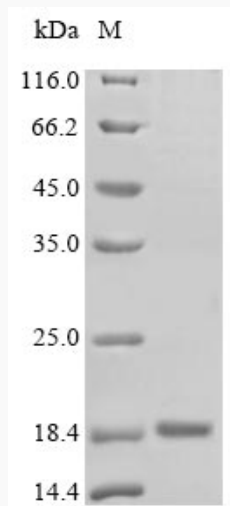
## GENE INFORMATION

|                        |                                                                                                             |
|------------------------|-------------------------------------------------------------------------------------------------------------|
| <b>Gene Name</b>       | Tshb thyroid stimulating hormone, beta [ <i>Rattus norvegicus</i> ]                                         |
| <b>Official Symbol</b> | TSHB                                                                                                        |
| <b>Synonyms</b>        | TSHB; thyroid stimulating hormone, beta; thyrotropin subunit beta; TSH-B; TSH-beta; thyrotropin beta chain; |
| <b>Gene ID</b>         | 25653                                                                                                       |
| <b>mRNA Refseq</b>     | NM_013116                                                                                                   |
| <b>Protein Refseq</b>  | NP_037248                                                                                                   |
| <b>UniProt ID</b>      | P04652                                                                                                      |

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(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

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