

## Recombinant Mouse Tnni3 Protein, Myc/DDK-tagged

Cat. No. Tnni3-6569M    Lot. No. (See product label)

### SPECIFICATION

|                         |   |
|-------------------------|---|
| <b>Product Overview</b> | Purified recombinant protein of mouse full-length troponin I, cardiac 3 (Tnni3), with C-terminal MYC/DDK tag, expressed in HEK293T cells.                               |
| <b>Species</b>          | Mouse   |
| <b>Source</b>           | HEK293  |
| <b>Description</b>      | Troponin I is the inhibitory subunit of troponin, the thin filament regulatory complex which confers calcium-sensitivity to striated muscle actomyosin ATPase activity. |
| <b>Molecular Mass</b>   | 24.3 kDa  |
| <b>Purity</b>           | > 80% as determined by SDS-PAGE and Coomassie blue staining   |
| <b>Stability</b>        | Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.                           |
| <b>Storage</b>          | Store at -80 centigrade after receiving vials.  |
| <b>Concentration</b>    | >50 µg/mL as determined by microplate BCA method  |
| <b>Storage Buffer</b>   | 25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.   |

### GENE INFORMATION

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|                        |   |
|------------------------|---|
| <b>Gene Name</b>       | Tnni3 troponin I, cardiac 3 [ Mus musculus (house mouse) ]                              |
| <b>Official Symbol</b> | Tnni3   |
| <b>Synonyms</b>        | TNNI3; troponin I, cardiac 3; troponin I, cardiac muscle; cardiac troponin I; Tn1; cTnI |
| <b>Gene ID</b>         | 21954   |
| <b>mRNA Refseq</b>     | NM_009406   |
| <b>Protein Refseq</b>  | NP_033432   |
| <b>UniProt ID</b>      | P48787  |

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