

## Recombinant Mouse Terf1 protein

**Cat. No.** Terf1-4884M    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|-------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Mouse Terf1 protein(P70371)(2-421 aa) was expressed in E.coli.                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Species</b>          | Mouse                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>Source</b>           | E.coli                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>ProteinLength</b>    | 2-421 aa                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>Form</b>             | Tris/PBS-based buffer, 6% Trehalose.                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>AASequence</b>       | AETVSSAARDAPSREGWTDSDSPEQEEVGDDAELLQCQLQLGTPREMENAELVAE<br>VEAVA AGWMLDFLCLSLCRAFRDGRSEDFRRTDRSAEAIHGLHRLTAYQLKTVYIC<br>QFLTRVAS GKALDAQFEVDERITPLESALMIWNSIEKEHDKLHDEIKNLIQAVAVC<br>MEIGSFKEAE EVFERIFGDPEFYTPLERKLLKIIISQKDVFHSLFQHFSYSCMMEKIQS<br>YVGDLVSEKSST FLMKAATKVVENEKARTQASKDRPDATNTGMDTEVGLNKEKSV<br>NGQQSTETEPLVDTVSS IRSHKNALSQLKHRRAPSDFSRNEARTGTLQCETTMERN<br>RRTSGRNRLCVSENQPD TDDK SGRRKRQTWLWEEDRILKCGVKKYGEGNWAKIL<br>SHYKFNNRTSVMLKDRWRTMKRLKLIS |
| <b>Purity</b>           | >85% (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 indeionized sterile water to a concentration of 0.1-1.0                                                                                                                                                                                                                                                                                                                                                                                   |

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mg/mL. Aliquot for long-term storage at -80°C.

## GENE INFORMATION

|                 |                                                                                                                                 |
|-----------------|---------------------------------------------------------------------------------------------------------------------------------|
| Gene Name       | Terf1 telomeric repeat binding factor 1 [ Mus musculus ]                                                                        |
| Official Symbol | Terf1                                                                                                                           |
| Synonyms        | TERF1; telomeric repeat binding factor 1; telomeric repeat-binding factor 1; TTAGGG repeat-binding factor 1; Pin2; Trf1; Trbf1; |
| Gene ID         | 21749                                                                                                                           |
| mRNA Refseq     | NM_009352                                                                                                                       |
| Protein Refseq  | NP_033378                                                                                                                       |

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