

## Recombinant Mouse Txnl4a Protein, Myc/DDK-tagged

**Cat. No.** Txnl4a-6752M    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                    |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Purified recombinant protein of mouse full-length thioredoxin-like 4A (Txnl4a), with C-terminal MYC/DDK tag, expressed in HEK293T cells.                                                                           |
| <b>Species</b>          | Mouse                                                                                                                                                                                                              |
| <b>Source</b>           | HEK293                                                                                                                                                                                                             |
| <b>Description</b>      | Plays role in pre-mRNA splicing as component of the U5 snRNP and U4/U6-U5 tri-snRNP complexes that are involved in spliceosome assembly, and as component of the precatalytic spliceosome (spliceosome B complex). |
| <b>Molecular Mass</b>   | 16.8 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>       | <a href="#">Txnl4a thioresoxin-like 4A [ Mus musculus (house mouse) ]</a>                                                                                                                                                                                   |
| <b>Official Symbol</b> | <a href="#">Txnl4a</a>                                                                                                                                                                                                                                      |
| <b>Synonyms</b>        | TXNL4A; thioresoxin-like 4A; thioresoxin-like protein 4A; thioresoxin-like 4; DIM1 protein homolog; thioresoxin-like U5 snRNP protein U5-15kD; spliceosomal U5 snRNP-specific 15 kDa protein; Dim1; Txnl4; U5-15kD; U5-15kDa; D18Wsu98e; ENSMUSG00000057130 |
| <b>Gene ID</b>         | <a href="#">27366</a>                                                                                                                                                                                                                                       |
| <b>mRNA Refseq</b>     | <a href="#">NM_025299</a>                                                                                                                                                                                                                                   |
| <b>Protein Refseq</b>  | <a href="#">NP_079575</a>                                                                                                                                                                                                                                   |
| <b>UniProt ID</b>      | <a href="#">P83877</a>                                                                                                                                                                                                                                      |

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