

## Recombinant Mouse Tuba1a protein

**Cat. No.** Tuba1a-5375M    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|-------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Mouse Tuba1a protein(P68369)(1-451 aa) was expressed in Yeast.                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Species</b>          | Mouse                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Source</b>           | Yeast                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>ProteinLength</b>    | 1-451 aa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>Form</b>             | Tris/PBS-based buffer, 6% Trehalose.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>AASequence</b>       | <p>MRECISIHVGQAGVQIGNACWELCYCLEHGIQPDGQMPSDKTIGGGDDSFNTFFSET<br/> GAGK HVPRAVFVDLEPTVIDEVRTGTyrQLFHPEQLITGKEDAANNYARGHYTIGKE<br/> IIDLVLD RIRKLADQCTGLQGFLVFHSFGGGTSGSGFTSLLMERLSVDYGKKSLEFSI<br/> YPAPQVSTA VVEPYNSILTTHTTLEHSDCAFMVDNEAIYDICRRNLDIERPTYTNLNR<br/> LIGQIVSSITA SLRFDGALNVDLTEFQTNLVPYPRIHFPLATYAPVISAEEKAYHEQLSV<br/> AEITNACFEPAN QMVKCDPRHGKYMCCLLYRGDVVPKDVNAAIATIKTKRTIQFVD<br/> WCPTGFKVGINYQPP TVVPGGDLAKVQRAVCMLSNTTAIAEAWARLDHKFDLMYA<br/> KRAFVHWYVGEGMEEGEFSE AREDMAALEKDYEVEGVDSVEGEGEEEGEEY</p> |
| <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>   | We recommend that this vial be briefly centrifuged prior to opening to bring the                                                                                                                                                                                                                                                                                                                                                                                                                                             |

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contents to the bottom. 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.

## GENE INFORMATION

|                 |                                                                                                                                                                                                                      |
|-----------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Gene Name       | Tuba1a tubulin, alpha 1A [ Mus musculus ]                                                                                                                                                                            |
| Official Symbol | Tuba1a                                                                                                                                                                                                               |
| Synonyms        | TUBA1A; tubulin, alpha 1A; tubulin alpha-1A chain; alpha-tubulin 1; tubulin, alpha 1; Talpha1 alpha-tubulin; tubulin alpha-1 chain; alpha-tubulin isotype M-alpha-1; Tuba1; Tuba-1; MGC102097; MGC102098; MGC102099; |
| Gene ID         | 22142                                                                                                                                                                                                                |
| mRNA Refseq     | NM_011653                                                                                                                                                                                                            |
| Protein Refseq  | NP_035783                                                                                                                                                                                                            |

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