

## Recombinant Human TUBA1B protein, GST-tagged

**Cat. No.** TUBA1B-3486H    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                      |
|-------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human TUBA1B protein(1-451 aa), fused with N-terminal GST tag, was expressed in E. coli.                                                                                                                                                 |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                |
| <b>Source</b>           | E.coli                                                                                                                                                                                                                                               |
| <b>ProteinLength</b>    | 1-451 aa                                                                                                                                                                                                                                             |
| <b>Tag</b>              | N-GST                                                                                                                                                                                                                                                |
| <b>Form</b>             | The purified protein was Lyophilized from sterile PBS (58mM Na <sub>2</sub> HPO <sub>4</sub> ,17mM NaH <sub>2</sub> PO <sub>4</sub> , 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization.               |
| <b>Purity</b>           | 85%, by SDS-PAGE with Coomassie Brilliant Blue staining.                                                                                                                                                                                             |
| <b>Storage</b>          | Short-term storage: Store at 2-8°C for (1-2 weeks). Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, reconstitution with sterile water and addition of an equal volume of glycerol. Avoid repeat freeze-thaw cycles.       |
| <b>Reconstitution</b>   | Reconstitute at 0.25 µg/µl in 200 µl sterile water for short-term storage. After reconstitution with sterile water, if glycerol has no effect on subsequent experiments, it is recommended to add an equal volume of glycerol for long-term storage. |

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**AA Sequence**

MRECISIHVGQAGVQIGNACWELCYCLEHGIQPDGQMPSDKTIGGGDDSFNTFFSET  
 GAGKHVPRAVFVDLEPTVIDEVRTGTYRQLFHPEQLITGKEDAANNYARGHYTIGKEI  
 IDLVLDRIKRLADQCTGLQGFLVFHSGGGTSGSGFTSLLMERLSVDYGKSKLEFSIY  
 PAPQVSTAVVEPYNSILTTHHTLEHSDCAFMVDNEAIYDICRRNLDIERPTYTNLNRLI  
 SQIVSSITASLRFDGALNVDLTEFQTNLVPYPRIHFPLATYAPVISAEEKAYHEQLSVAEI  
 TNACFEPANQMVKCDPRHGKYMACECLLYRGDVVPKDVNAAIATIKTKRSIQFVDWC  
 PTGFKVGINYQPPTVVPGGDLAKVQRAVCMLSNTTAIAEAWARLDHKFDLMYAKRA  
 FVHWYVGEGMEEGEFSEAREDMAALEKDYEVEVGVDSEGEGEEEEGEEY

**GENE INFORMATION**

**Gene Name** TUBA1B tubulin, alpha 1b [ Homo sapiens ]

**Official Symbol** TUBA1B

**Synonyms** TUBA1B; tubulin, alpha 1b; tubulin alpha-1B chain; K ALPHA 1; tubulin; alpha; ubiquitous; alpha tubulin; tubulin K-alpha-1; alpha-tubulin ubiquitous; tubulin, alpha, ubiquitous; tubulin alpha-ubiquitous chain; K-ALPHA-1;

**Gene ID** 10376

**mRNA Refseq** NM\_006082

**Protein Refseq** NP\_006073

**MIM** 602530

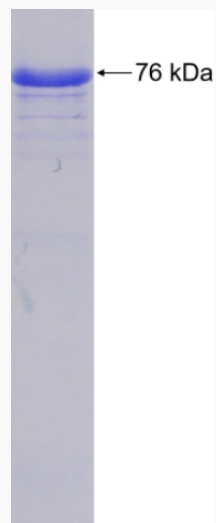
**UniProt ID** P68363

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## SDS-PAGE



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