

Recombinant Human TUBB3 protein, His-tagged

Cat. No. TUBB3-0505H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human TUBB3 protein(57-294 aa), fused with N-terminal His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	57-294 aa
Tag	N-His
Form	The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization.
Purity	85%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	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.
Reconstitution	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

HKYVPRAILVDLEPGTMDSVRSGAFGHLFRPDNFIFGQSGAGNNWAKGHYTEGAEL
 VDSVLDVVRKECENCDCCLQGFLTHSLGGGTGSGMGTLISKVREEYPDRIMNTFS
 VVPSPKVSDTVVEPYNATLSIHLQVENTDETYCIDNEALYDICFRTLKLATPTYGDLN
 HLVSATMSGVTTSLRFPGLNADLRKLAVNMVFPRLHFFMPGFAPLTARGSQQYR
 ALTVPELTQQMF

GENE INFORMATION

Gene Name [TUBB3 tubulin, beta 3 class III \[Homo sapiens \]](#)

Official Symbol [TUBB3](#)

Synonyms TUBB3; tubulin, beta 3 class III; tubulin, beta 3; tubulin beta-3 chain; beta 4; class III beta tubulin; tubulin beta-III; tubulin beta-4 chain; class III beta-tubulin; CDCBM; TUBB4; beta-4; CFEOM3A;

Gene ID [10381](#)

mRNA Refseq [NM_001197181](#)

Protein Refseq [NP_001184110](#)

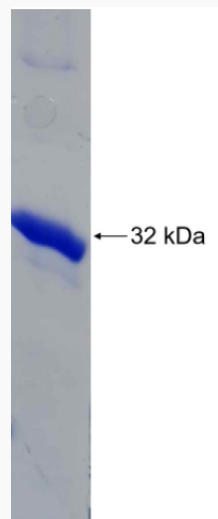
MIM [602661](#)

UniProt ID [Q13509](#)

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SDS-PAGE

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