

Recombinant Human TUBA1C Protein, His-tagged

Cat. No. TUBA1C-509H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human TUBA1C Protein (Met1-Asn300) with N-His tag was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Met1-Asn300
Description	Predicted to enable GTP binding activity. Predicted to be a structural constituent of cytoskeleton. Predicted to be involved in microtubule cytoskeleton organization and mitotic cell cycle. Located in microtubule cytoskeleton and nucleus.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 40.0 kDa Accurate Molecular Mass: 42 kDa
Purity	> 97%
Applications	Positive Control; Immunogen; SDS-PAGE; WB.
Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for 48h, and no obvious degradation and precipitation were observed. The loss rate is

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less than 5% within the expiration date under appropriate storage condition.

Storage

Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.

Storage Buffer

20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% SKL, 5% Trehalose and Proclin300.

Reconstitution

Reconstitute in sterile water to a concentration of 0.1-1.0 mg/mL. Do not vortex.

GENE INFORMATION

Gene Name

TUBA1C tubulin, alpha 1c [Homo sapiens (human)]

Official Symbol

TUBA1C

Synonyms

TUBA1C; tubulin, alpha 1c; TUBA6, tubulin, alpha 6; tubulin alpha-1C chain; bcm948; MGC10851; MGC14580; alpha-tubulin 6; tubulin, alpha 6; tubulin alpha-6 chain; TUBA6

Gene ID

84790

mRNA Refseq

NM_032704

Protein Refseq

NP_116093

UniProt ID

Q9BQE3

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