

Recombinant Full Length Human TUBA1B Protein, His-tagged

Cat. No. TUBA1B-508H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human TUBA1B Protein (Met1-Tyr451) with N-His tag was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Met1-Tyr451
Description	Enables double-stranded RNA binding activity and ubiquitin protein ligase binding activity. Predicted to be involved in microtubule cytoskeleton organization and mitotic cell cycle. Predicted to act upstream of or within cellular response to interleukin-4. Located in microtubule.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 53.7 kDa Accurate Molecular Mass: 54 kDa
Purity	> 90%
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

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48h, and no obvious degradation and precipitation were observed. The loss rate is 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

TUBA1B tubulin, alpha 1b [Homo sapiens (human)]

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

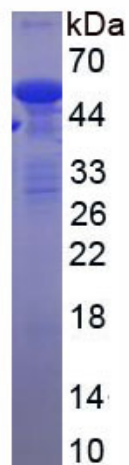
UniProt ID

P68363

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