

[Go to Product page](#)

## Datasheet for ABIN7319123 **TUBB4 Protein (His tag)**

### Overview

Quantity:	50 µg
Target:	TUBB4 (TUBB4A)
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This TUBB4 protein is labelled with His tag.

### Product Details

Purpose:	Recombinant Human TUBB4A Protein (His Tag)
Sequence:	Met 1-Ala444
Characteristics:	Recombinant Human Tubulin Beta-4A Chain is produced by our E.coli expression system and the target gene encoding Met1-Ala444 is expressed with a 6His tag at the N-terminus.
Purity:	> 95 % as determined by reducing SDS-PAGE.
Endotoxin Level:	< 1.0 EU per µg as determined by the LAL method.

### Target Details

Target:	TUBB4 (TUBB4A)
Alternative Name:	TUBB4A ( <a href="#">TUBB4A Products</a> )
Background:	Background: Tubulin Beta-4A Chain (TUBB4A) is a cytoplasmic peptide containing 444 amino acids. TUBB4A is a member of the Tubulin family. Tubulin is the major constituent of microtubules. Tubulin is a dimer composed of one alpha and one beta tubulin molecule, there

## Target Details

are many forms of beta tubulins, Beta II and Beta IV Tubulin are ubiquitously expressed. Beta-III Tubulin, also known as Tubulin Beta-4, is regarded as a neuron-specific marker. It binds two moles of GTP, one at an exchangeable site on the beta chain and one at a non-exchangeable site on the alpha-chain.

Synonym: Tubulin Beta-4A Chain, Tubulin 5 Beta, Tubulin Beta-4 Chain, TUBB4A, TUBB4, TUBB5

Molecular Weight: 51.7 kDa

UniProt: [P04350](#)

## Application Details

Restrictions: For Research Use only

## Handling

Format: Lyophilized

Reconstitution: Please refer to the printed manual for detailed information.

Buffer: Lyophilized from a 0.2 µm filtered solution of 20 mM PB, 150 mM NaCl, pH 7.4.

Storage: 4 °C, -20 °C, -80 °C

Storage Comment: Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.