

[Go to Product page](#)

Datasheet for ABIN7505283

**TUBG1 Protein (AA 101-451) (His tag)**

## Overview

Quantity:	100 µg
Target:	TUBG1
Protein Characteristics:	AA 101-451
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This TUBG1 protein is labelled with His tag.

## Product Details

Sequence:	Gly 101-Gln 451
Characteristics:	A DNA sequence encoding the Human TUBG1/TUBG protein (P23258) (Gly 101-Gln 451) was expressed with a N-His&C-His tag.
Purity:	>95 % as determined by reducing SDS-PAGE.

## Target Details

Target:	TUBG1
Alternative Name:	TUBG1 ( <a href="#">TUBG1 Products</a> )
Background:	<p>Background: Tubulin is the major constituent of microtubules. Gamma tubulin is found at microtubule organizing centers (MTOC) such as the spindle poles or the centrosome, suggesting that it is involved in the minus-end nucleation of microtubule assembly.</p> <p>Synonym: Tubulin gamma-1 chain,TUBG1,Gamma-tubulin complex component 1 (GCP-1)</p>

### Target Details

Molecular Weight:	38.5 kDa
UniProt:	<a href="#">P23258</a>
Pathways:	<a href="#">Microtubule Dynamics</a> , <a href="#">M Phase</a>

### Application Details

Restrictions:	For Research Use only
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### Handling

Format:	Lyophilized
Buffer:	Lyophilized from sterile PBS, 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.
Expiry Date:	12 months