

## **Product datasheet for TP507086**

### OriGene Technologies, Inc.

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### Tubb4a (NM 009451) Mouse Recombinant Protein

**Product data:** 

**Product Type:** Recombinant Proteins

**Description:** Purified recombinant protein of Mouse tubulin, beta 4A class IVA (Tubb4a), with C-terminal

MYC/DDK tag, expressed in HEK293T cells, 20ug

**Species:** Mouse

**Expression Host:** HEK293T

Expression cDNA Clone or AA >MR207086 protein sequence Red=Cloning site Green=Tags(s)

Sequence:

MREIVHLQAGQCGNQIGAKFWEVISDEHGIDPTGTYHGDSDLQLERINVYYNEATGGNYVPRAVLVDLEP GTMDSVRSGPFGQIFRPDNFVFGQSGAGNNWAKGHYTEGAELVDAVLDVVRKEAESCDCLQGFQLTHSLG GGTGSGMGTLLISKIREEFPDRIMNTFSVVPSPKVSDTVVEPYNATLSVHQLVENTDETYCIDNEALYDI CFRTLKLTTPTYGDLNHLVSATMSGVTTCLRFPGQLNADLRKLAVNMVPFPRLHFFMPGFAPLTSRGSQQ YRALTVPELTQQMFDAKNMMAACDPRHGRYLTVAAVFRGRMSMKEVDEQMLSVQSKNSSYFVEWIPNNVK TAVCDIPPRGLKMAATFIGNSTAIQELFKRISEQFTAMFRRKAFLHWYTGEGMDEMEFTEAESNMNDLVS

EYQQYQDATAEEGEFEEEAEEEVA

**TRTRPL**EQKLISEEDLAANDILDYKDDDDK**V** 

Tag: C-MYC/DDK
Predicted MW: 49.6 kDa

Concentration: >0.05 µg/µL as determined by microplate BCA method

**Purity:** > 80% as determined by SDS-PAGE and Coomassie blue staining

**Buffer:** 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol

**Note:** For testing in cell culture applications, please filter before use. Note that you may experience

some loss of protein during the filtration process.

Storage: Store at -80°C after receiving vials.

Stability: Stable for 12 months from the date of receipt of the product under proper storage and handling

conditions. Avoid repeated freeze-thaw cycles.

**RefSeq:** NP 033477

Locus ID: 22153





#### Tubb4a (NM\_009451) Mouse Recombinant Protein - TP507086

UniProt ID: Q9D6F9

RefSeq Size: 2246

Cytogenetics: 17 29.66 cM

RefSeq ORF: 1335

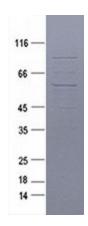
Synonyms: Al325297; M(beta)4; Tubb; Tubb4

**Summary:** Tubulin is the major constituent of microtubules. 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.

[UniProtKB/Swiss-Prot Function]

# **Product images:**



Purified recombinant protein Tubb4a was analyzed by SDS-PAGE gel and Coomossie Blue Staining.