

## Product datasheet for PH303274

### TUBA6 (TUBA1C) (NM\_032704) Human Mass Spec Standard

#### Product data:

Product Type:	Mass Spec Standards
Description:	TUBA1C MS Standard C13 and N15-labeled recombinant protein (NP_116093)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC203274
Predicted MW:	49.9 kDa
Protein Sequence:	>RC203274 protein sequence Red=Cloning site Green=Tags(s)

MRECISIHVGQAGVQIGNACWELCYLEHGIQPDGQMPSPDKTIGGGDDSFNTFFSETGAGKHVPRAVFVDL  
EPTVIDEVRTGTYRQLFHPEQLITGKEDAANNYARGHYTIGKEIIDLVLDRIKRLADQCTGLQGFLVFHS  
FGGGTGSFTSLLMERLSVDYGGKSKLEFSIYPAPQVSTAVVEPYNSILTTHTTLEHSDCAFVMDNEAIY  
DICRRNLDIERPTYTNLNLISQIVSSITASLRFDGALNVDLTFEQTNLVPYPRIHFPLATYAPVISA EK  
AYHEQLTVAEITNACFEPANQMVKCDPRHGKYMACECLLYRGDVVPKDVNAAIATIKTKRTIQFVDWCPTG  
FKVGINYQPPTVVPGGDLAKVQRAVCMLSNTTAVAEAWARLDHKFDLMYAKRAVHVHWYVGEEMEEGEFSE  
AREDMAALEKDYEEVGADSADGEDEGE EY

TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- <sup>13</sup> C <sub>6</sub> , <sup>15</sup> N <sub>4</sub> ]-L-Arginine and [U- <sup>13</sup> C <sub>6</sub> , <sup>15</sup> N <sub>2</sub> ]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	<u>NP_116093</u>
RefSeq Size:	1581
RefSeq ORF:	1347
Synonyms:	bcm948; TUBA6



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Locus ID: 84790

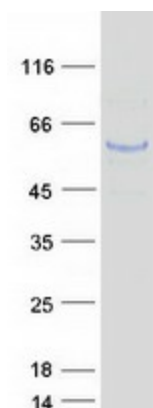
UniProt ID: [Q9BQE3](#), [Q99867](#)

Cytogenetics: 12q13.12

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]

Protein Pathways: Gap junction, Pathogenic Escherichia coli infection

### Product images:



Coomassie blue staining of purified TUBA1C protein (Cat# [TP303274]). The protein was produced from HEK293T cells transfected with TUBA1C cDNA clone (Cat# [RC203274]) using MegaTran 2.0 (Cat# [TT210002]).