

## Product datasheet for TP311175L

### TUBA8 (NM\_018943) Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human tubulin, alpha 8 (TUBA8), 1 mg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC211175 protein sequence <b>Red</b> =Cloning site <b>Green</b> =Tags(s)

MRECISVHVGQAGVQIGNACWELFCLEHGIQADGTFDAQASKINDDDSFSTFFSETGNGKHVPRAVMIDL  
EPTVDEVRAGTYRQLFHPEQLITGKEDAANNYARGHYTVGKESIDLVLDRIRKLTDACSGLQGFIFHS  
FGGGTGSFGFTSLLMERLSLDYGGKSKLEFAIYPAPQVSTAVVEPYNSILTTHTTLEHSDCAFMDNEAIY  
DICRRNLDIRPTYTNLNRSLISQIVSSITASLRFDGALNVDLTFQTNLVPYPRIHFPLVYAPIISAEK  
AYHEQLSVAEITSSCFEPNSQMVKCDPRHGKYMCCMLYRGDVPKDVNVAIAAIKTKRTIQFVDWCPTG  
FKVGINYQPPTVPGGDLAKVQRAVCMLSNTTAIAEAWARLDHKFDLMYAKRAFVHWYVGEEMEEGEFSE  
AREDLAALEKDYEEVGTDSFEEENEGEREF

**TRTRPLEQKLISEEDLAANDILDYKDDDDKV**

Tag:	C-Myc/DDK
Predicted MW:	49.9 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
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
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.
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:	<u><a href="#">NP_061816</a></u>



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Locus ID: 51807  
UniProt ID: [Q9NY65](#)  
RefSeq Size: 2124  
Cytogenetics: 22q11.21  
RefSeq ORF: 1347  
Synonyms: CDCBM8; TUBAL2

**Summary:** This gene encodes a member of the alpha tubulin protein family. Alpha tubulins are one of two core protein families (alpha and beta tubulins) that heterodimerize and assemble to form microtubules. Mutations in this gene are associated with polymicrogyria and optic nerve hypoplasia. Alternate splicing results in multiple transcript variants. [provided by RefSeq, Jul 2010]

**Protein Families:** Druggable Genome

**Protein Pathways:** Gap junction, Pathogenic Escherichia coli infection

### Product images:



Coomassie blue staining of purified TUBA8 protein (Cat# [TP311175]). The protein was produced from HEK293T cells transfected with TUBA8 cDNA clone (Cat# [RC211175]) using MegaTran 2.0 (Cat# [TT210002]).