

Product datasheet for TP311175

TUBA8 (NM_018943) Human Recombinant Protein

Product data:

Product Type: Recombinant Proteins

Description: Recombinant protein of human tubulin, alpha 8 (TUBA8), 20 µg

Species: Human

Expression Host: HEK293T

**Expression cDNA Clone
or AA Sequence:** >RC211175 protein sequence
Red=Cloning site **Green**=Tags(s)

MRECISVHVGQAGVQIGNACWELFCLEHGIQADGTFDAQASKINDDDSFTTFFSETGNGKHVPRAVMIDL
EPTVWDEVFRAGTYRQLFHPEQLITGKEDAANNYARGHYTVGKESIDLVLDRIRKLTDACSGLQGFIFHS
FGGGTGSFGFTSLLMERLSLDYGGKSKLEFAIYPAPQVSTAVVEPYNSILTTHTTLEHSDCAFMDNEAIY
DICRRNLDIRPTYTNLNLISQIVSSITASLRFDGALNVDLTEFQTNLVPYPRIHFPLVTYAPIISAEK
AYHEQLSVAEITSSCFEPNSQMVKCDPRHGKYMCCMLYRGDVPKDVNVAIAAIKTKRTIQFVDWCPTG
FKVGINYQPPTVPPGGDLAKVQRAVCMLSNTTAIAEAWARLDHKFDLMYAKRAFVHWYVGEEMEEGEFSE
AREDLAALEKDYEEVGTDSFEEENEGEREEF

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: [NP_061816](#)



[View online »](#)

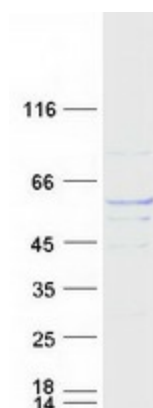
Locus ID: 51807
UniProt ID: [Q9NY65](#)
RefSeq Size: 2124
Cytogenetics: 22q11.21
RefSeq ORF: 1347
Synonyms: CDCBM8; TUBAL2

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]).