

Recombinant Human TUBA1A protein, MYC/DDK-tagged

Cat. No. TUBA1A-16H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human TUBA1A fused with MYC/DDK tag at C-terminal was expressed in HEK293.
Species	Human
Source	HEK293
Form	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	50 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration	>50 ug/mL as determined by microplate BCA method

GENE INFORMATION

Gene Name	TUBA1A tubulin, alpha 1a [Homo sapiens]
Official Symbol	TUBA1A
Synonyms	TUBA1A; tubulin, alpha 1a; tubulin alpha-1A chain; B ALPHA 1; FLJ25113; TUBA3; tubulin; alpha; brain specific; hum-a-tub1; hum-a-tub2; alpha-tubulin 3; tubulin, alpha 3; tubulin B-alpha-1; tubulin alpha-3 chain; tubulin, alpha, brain-specific; LIS3; B-ALPHA-1;

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Gene ID	7846
mRNA Refseq	NM_006009
Protein Refseq	NP_006000
MIM	602529
UniProt ID	Q71U36
Chromosome Location	12q13.12
Pathway	Cell Cycle, organism-specific biosystem; Cell Cycle, Mitotic, organism-specific biosystem; Centrosome maturation, organism-specific biosystem; Chaperonin-mediated protein folding, organism-specific biosystem; Cooperation of Prefoldin and TriC/CCTin actin and tubulin folding, organism-specific biosystem; Formation of tubulin folding intermediates by CCT/TriC, organism-specific biosystem; G2/M Transition, organism-specific biosystem;
Function	GTP binding; GTPase activity; nucleotide binding; protein domain specific binding; structural molecule activity;