

Recombinant Human TUBA1B protein, MYC/DDK-tagged

Cat. No. TUBA1B-26H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human TUBA1B fused with MYC/DDK tag at C-terminal was expressed in HEK293.
Species	Human
Source	HEK293
Description	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.
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	TUBA1B tubulin, alpha 1b [Homo sapiens]
Official Symbol	TUBA1B

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Synonyms	TUBA1B; tubulin, alpha 1b; tubulin alpha-1B chain; K ALPHA 1; tubulin; alpha; ubiquitous; alpha tubulin; tubulin K-alpha-1; alpha-tubulin ubiquitous; tubulin, alpha, ubiquitous; tubulin alpha-ubiquitous chain; K-ALPHA-1;
Gene ID	10376
mRNA Refseq	NM_006082
Protein Refseq	NP_006073
MIM	602530
UniProt ID	P68363
Chromosome Location	12q13.12
Pathway	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; Gap junction, organism-specific biosystem; Gap junction, conserved biosystem; Metabolism of proteins, organism-specific biosystem; Pathogenic Escherichia coli infection, organism-specific biosystem;
Function	GTP binding; GTPase activity; nucleotide binding; protein binding; structural constituent of cytoskeleton; structural molecule activity;

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