Recombinant Human TUBA1B

Cat. No. TUBA1B-31629TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant full length Human TUBA1B with a proprietary tag; Predicted MWt 75.72 kDa.
Species	Human
Source	Wheat Germ
ProteinLength	451 amino acids
Description	Tubulin alpha-1B chain is a protein that in humans is encoded by the TUBA1B gene.
Molecular Weight	75.720kDa inclusive of tags
Form	Liquid
Purity	Proprietary Purification
Storage buffer	pH: 8.00Constituents:0.79% Tris HCl, 0.31% Glutathione
Storage	Shipped on dry ice. Upon delivery aliquot and store at -80oC. Avoid freeze / thaw cycles.
Sequences of amino acids	MRECISIHVGQAGVQIGNACWELYCLEHGIQPDGQMPSDKTIGGGDDSFNTFFSET GAGKHVPRAVFVDLEPTVIDEVRTGTYRQLFHPEQLITGKEDAANNYARGHYTIGKEI IDLVLDRIRKLADQCTGLQGFLVFHSFGGGTGSGFTSLLMERLSVDYGKKSKLEFSIY

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

	PAPQVSTAVVEPYNSILTTHTTLEHSDCAFMVDNEAIYDICRRNLDIERPTYTNLSRLI SQIVSSITASLRFDGALNVDLAEFQTNLVPYPRIHFPLATYAPVISAEKAYHEQLSVAEI TNACFEPANQMVKCDPRHGKYMACCLLYRGDVVPKDVNAAIATIKTKRSIQFVDWC PTGFKVGINYQPPTVVPGGDLAKVQRAVCMLSNTTAIAEAWARLDHKFDLMYAKRA FVHWYVGEGMEEGEFSEAREDMAALEKDYEEVGVDSVEGEGEEEGEEY
Sequence Similarities	Belongs to the tubulin family.

GENE INFORMATION

Gene Name	TUBA1B tubulin, alpha 1b [Homo sapiens]
Official Symbol	TUBA1B
Synonyms	TUBA1B; tubulin, alpha 1b; tubulin alpha-1B chain; K ALPHA 1; tubulin; alpha; ubiquitous;
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

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	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;
Function	GTP binding; GTPase activity; nucleotide binding; protein binding; structural constituent of cytoskeleton;

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