

Recombinant Human TUBA1A protein, GST-tagged

Cat. No. TUBA1A-18H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human TUBA1A(1 a.a. - 451 a.a.) fused with GST tag at N-terminal was expressed in Wheat Germ.
Species	Human
Source	Wheat Germ
Protein Length	1-451 a.a.
Form	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Molecular Mass	75.24 kDa
AA Sequence	MRECISIHVGQAGVQIGNACWELCYLEHGIQPDGQMPSDKTIGGGDDSFNTFFSET GAGKHVPRAVFVDLEPTVIDEVRTGTYRQLFHPEQLITGKEDAANNYARGHYTIGKEI IDLVLDRIRKLADQCTGLQGFLVFHSGGGTGSGFTSLLMERLSVDYGGKSKLEFSIY PAPQVSTAVVEPYNSILTTHTTLEHSDCAFMVDNEAIYDICRRNLDIERPTYTNLNRLI GQIVSSITASLRFDGALNVDLTFQTNLVPYPRIHFPLATYAPVISA EKAYHEQLSVAEI TNACFEPANQMVKCDPRHGKYM ACCLLYRGDVVPKDVNAAIATIKTKRTIQFVDWC PTGFKVGINYQPPTVVPGGDLAKVQRAVCMLSNTTAIAEAWARLDHKFDLMYAKRA FVHWYVGEGMEEGEFSEAREDMAALEKDYEEVGVD SVEGE GEEEGEEY
Applications	Enzyme-linked Immunoabsorbent Assay; Western Blot (Recombinant protein); Antibody Production; Protein Array

 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

Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
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;
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

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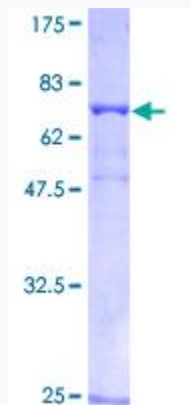
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TriC/CCTin actin and tubulin folding, organism-specific biosystem; Formation of tubulin folding intermediates by CCT/TriC, organism-specific biosystem; G2/M Transition, organism-specific biosystem;

Function

GTP binding; GTPase activity; nucleotide binding; protein domain specific binding; structural molecule activity;



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