

Recombinant Human TUBB2A, His-tagged

Cat. No. TUBB2A-31630TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant full length protein, corresponding to amino acids 1-445 of Human TUBB2A with N terminal His tag, 56kDa.
Species	Human
Source	E.coli
ProteinLength	1-445 a.a.
Description	Tubulin beta-2A chain is a protein that in humans is encoded by the TUBB2A gene.
Conjugation	HIS
Form	Lyophilised:Reconstitute with 94 µl aqua dest.
Storage buffer	Preservative: NoneConstituents: 0.5% Trehalose, 6M Urea, 100mM Sodium phosphate, 10mM Sodium chloride, pH 4.5
Storage	Shipped at 4°C. Upon delivery aliquot and store at -80oC. Avoid freeze / thaw cycles.
Sequences of amino acids	MREIVHIQAGQCGNQIGAKFWEVISDEHGIDPTGSYHGDS DLQLERINVYYNEAAG NKYVPRAILVDLEPGTMDSVRS GPFGQIFRPDNFVFGQSGAGNNWAKGHYTEGAE LVDSV LDVVRKESESCDCLQGFQLTHSLGGGTGSGMGTLLISKIR EEYPDRIMNTF SVMPSPKVSDTVVEPYNATLSVHQLVE NTDETYSIDNEALYDICFRTLKLTPTTYGDL NHLVSAT MSGVTTCLRFPGQLNADLRKLAVNMVFPRLHFFMPGFAP LTSRGSQQ

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YRALTVPELTQQMFDSKNMMAACDPRHGRY LTVA AIFRGRMSMKEVDEQMLNVQ
 NKNSSYFVEWIPNN VKTAVCDIPPRGLKMSATFIGNSTAIQELFKRISEQFTAM FRR
 KAFLHWYTGE GMDMEFTEAESNMNDLVSEYQQYQ DATADEQGEFEEEEGEDE
 A(Amino acid sequence (Sequence determined by 5 Sequencing))

Sequence Similarities Belongs to the tubulin family.

Full Length Full L.

GENE INFORMATION

Gene Name TUBB2A tubulin, beta 2A class IIa [Homo sapiens]

Official Symbol TUBB2A

Synonyms TUBB2A; tubulin, beta 2A class IIa; TUBB, TUBB2, tubulin, beta 2 , tubulin, beta 2A , tubulin, beta polypeptide; tubulin beta-2A chain; class IIa beta tubulin; dJ40E16.7;

Gene ID 7280

mRNA Refseq NM_001069

Protein Refseq NP_001060

Uniprot ID Q13885

Chromosome Location 6p25.2

Pathway Chaperonin-mediated protein folding, organism-specific biosystem; Cooperation of Prefoldin and TriC/CCTin actin and tubulin folding, organism-specific biosystem;

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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; peptide binding; protein binding;

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