

Recombinant Human TUBB4A Protein, His-tagged

Cat. No. TUBB4A-564H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human TUBB4A fused with His tag at N-terminal was expressed in E. coli.
Species	Human
Source	E.coli
Description	This gene encodes a member of the beta tubulin family. Beta tubulins are one of two core protein families (alpha and beta tubulins) that heterodimerize and assemble to form microtubules. Mutations in this gene cause hypomyelinating leukodystrophy-6 and autosomal dominant torsion dystonia-4. Alternate splicing results in multiple transcript variants encoding different isoforms. A pseudogene of this gene is found on chromosome X.
Form	Lyophilized from a 0.2 M filtered solution of PBS, pH 7.4
Molecular Mass	51.7kD
AA Sequence	MNHKVVHHHHHMHREIVHLQAGQCGNQIGAKFWEVISDEHGIDPTGTYHGDSDLQLE RINVYYNEATGGNYVPRAVLVDLEPGTMDSVRSGPFGQIFRPDNFVFGQSGAGNN WAKGHYTEGAELVDAVL DVVRKEAESCDCLQGFQLTHSLGGGTGSGMGTLISKIR EEFPDRIMNTFSVVPSPKVS DTVVEPYNATLSVHQLVENTDETYCIDNEALYDICFRT LKLTTPTYGDLNHLVSATMSGVTTCLRFPG
Endotoxin	Endotoxin level is <0.1 ng/g of protein (<1EU/g).

 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

Purity	>95% as determined by SDS-PAGE and Coomassie blue staining
Concentration	Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100 g/ml. Dissolve the lyophilized protein in 1X PBS. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.
GENE INFORMATION	
Gene Name	TUBB4A tubulin, beta 4A class IVa [Homo sapiens]
Official Symbol	TUBB4A
Synonyms	TUBB4A; tubulin, beta 4A class IVa; TUBB4, tubulin, beta 4 , tubulin, beta 4 class IVa; tubulin beta-4A chain; beta 5; class IVa beta tubulin; tubulin 5 beta; tubulin, beta, 5; tubulin beta-4 chain; class IVa beta-tubulin; tubulin, beta 4 class IVa; TUBB4; TUBB5; beta-5;
Gene ID	10382
mRNA Refseq	NM_006087
Protein Refseq	NP_006078
MIM	602662
UniProt ID	P04350