

Recombinant Human TUBB4A Protein (1-444 aa), His-tagged

Cat. No. TUBB4A-1942H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human TUBB4A Protein (1-444 aa) is produced by Yeast expression system. This protein is fused with a 6xHis tag at the N-terminal. Research Area: Signal Transduction. Protein Description: Full Length.
Species	Human
Source	Yeast
ProteinLength	1-444 aa
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	Tris-based buffer, 50% glycerol
Molecular Mass	51.6 kDa
AA Sequence	MREIVHLQAGQCQGNQIGAKFWEVISDEHGIDPTGTYHGDSDLQLERINVYYNEATGG NYVPRAVLVDLEPGTMDSVRSRGPFGQIFRPDNFVFGQSGAGNNWAKGHYTEGAEL VDAVL DVVRKEAESCDCLQGFQLTHSLGGGTGSGMGTLLISKIREEPDRIMNTFSV VPSPKVS DTVVEPYNATLSVHQLVENTDETYCIDNEALYDICFRTLKLTTP TYGDLNH LVSATMSGVTTCLRFPGQLNADLRKLAVNMVFPRLHFFMPGFAPLTSRGSQQYRA LTVPELTQQMFDAKNMMAACDPRHGRYLTVA AVFRGRMSMKEVDEQMLSVQSKN SSYFVEWIPNNVKTAVCDIPPRGLKMAATFIGNSTAIQELFKRISEQFTAMFRRKAFL

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	HWYTGEGMDEMEFTEAESNMNDLVSEYQQYQDATAEEGEFEEEEAEVEA
Purity	> 90% as determined by SDS-PAGE.
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4 centigrade for up to one week.
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20 centigrade/-80 centigrade. The shelf life of lyophilized form is 12 months at -20 centigrade/-80 centigrade.
Concentration	A hardcopy of COA with reconstitution instruction is sent along with the products.

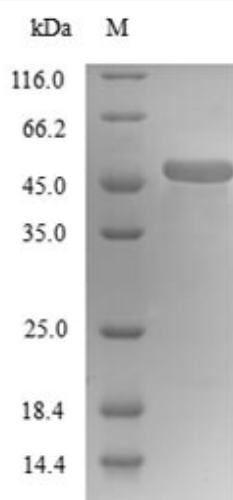
GENE INFORMATION

Gene Name	TUBB4A tubulin, beta 4A class IVa [Homo sapiens]
Official Symbol	TUBB4A
Synonyms	TUBB4A; tubulin 5 beta; TUBB4; TUBB5; beta-5;
Gene ID	10382
mRNA Refseq	NM_006087
Protein Refseq	NP_006078
MIM	602662
UniProt ID	P04350

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(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

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