

Recombinant Human TUBB6 Protein (1-446 aa), His-SUMO-tagged

Cat. No. TUBB6-1142H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human TUBB6 Protein (1-446 aa) is produced by E. coli expression system. This protein is fused with a 6xHis-SUMO tag at the N-terminal. Research Area: Signal Transduction. Protein Description: Full Length.
Species	Human
Source	E.coli
ProteinLength	1-446 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	65.9 kDa
AA Sequence	MREIVHIQAGQCGNQIGTKFWEVISDEHGIDPAGGYVGDSALQLERINVYYNESSSQ KYVPRAALVDLEPGTMDSVRSGPFGQLFRPDNFIFGQTGAGNNWAKGHYTEGAEL VDAVL DVVRKECEHCDCLQG FQLTHSLGGGTGSGMG TLLISKIREEF PDRIMNTFSV MPSPKVS DTVVEPY NATLSVHQLVENTDETYCIDNEALYDICFRTLKLTPTYGDLNH LVSATMSGVTTSLRFPGQLNADLRKLAVNMVFPRLHFFMPGFAPLTSRGSQQYRA LTVPELTQQMFDARNMMAACDPRHGRYLT VATVFRGPMSMKEVDEQMLAIQSKNS

 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

SYFVEWIPNNVKVAVCDIPPRGLKMASTFIGNSTAIQELFKRISEQFSAMFRRKAFLH
WFTGEGMDEMEFTEAESNMNDLVSEYQQYQDATANDGEEAFEDDEEEEIDG

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 concentration instruction is sent along with the products.

GENE INFORMATION

Gene Name TUBB6 tubulin, beta 6 class V [Homo sapiens]

Official Symbol TUBB6

Synonyms TUBB6; HsT1601; MGC4083; TUBB-5; MGC132410;

Gene ID 84617

mRNA Refseq NM_032525

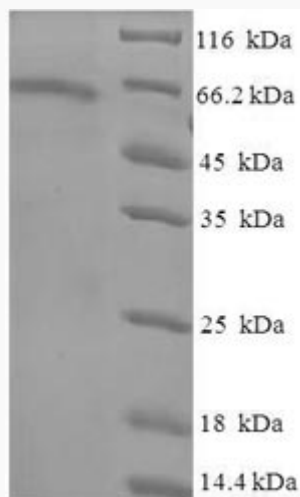
Protein Refseq NP_115914

UniProt ID Q9BUF5

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

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