

Recombinant Human TUBB4A Protein

Catalog #	Source	Reactivity	Applications
CRP2461	E. coli	Human	E, WB, SDS-PAGE, MS

Description	Recombinant Human TUBB4A Protein is produced by our E. coli expression system and the target gene encoding Met1-Ala444 is expressed with a 6His tag at the N-terminus.
Form	Lyophilized from a 0.2 μ M filtered solution of 20mM PB, 150mM NaCl, pH 7.4.
Gene Symbol	TUBB4A
Alternative Names	TUBB4; TUBB5; Tubulin beta-4A chain; Tubulin 5 beta; Tubulin beta-4 chain
Entrez Gene	10382 (Human)
SwissProt	P04350 (Human)
Purity	Greater than 95% as determined by reducing SDS-PAGE.
Chemical Structure	MNHKVVHHHH HMREIVHLQA GQCGNQIGAK FWEVISDEHG IDPTGTYHGD SDLQLERINV YYNEATGGNY VPRAVLVDLE PGTMDSVRSG PFGQIFRPDN FVFGQSGAGN NWAKGHYTEG AELVDAVLVD VRKEAESDCD LQGFQLTHSL GGGTGSGMGT LLISKIREEF PDRIMNTFSV VPSPKVSDTV VEPYNATLSV HQLVENTDET YCIDNEALYD ICFRTLKLT PTYGDLNHLV SATMSGVTTC LRFPGQLNAD LRKLAVNMVP FPRLHFFMPG FAPLTSRGSQ QYRALVPEL TQQMFDKMN MAACDPRHGR YLTVAAVFRG RMSMKEVDEQ MLSVQSKNSS YFVEWIPNNV KTAVCDIPPR GLKMAATFIG NSTAIQELFK RISEQFTAMF RRKAFLHWYT GEGMDEMEFT EAESNMNDLV SEYQQYQDAT AEEGEFEEEE EEEVAVDLQS R
Quality Control	Endotoxin: Less than 0.1 ng/ μ g (1 IEU/ μ g) as determined by LAL test.
Directions for Use	Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100 μ g/ml. Dissolve the

Application key: E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC- Immunocytochemistry, IP- Immunoprecipitation, CHIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, BL- Blocking, SE- Sandwich ELISA, CBE- Cell-based ELISA, RNAi- RNA interference

Species reactivity key: H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, G- Goat, Mk- Monkey, P- Pig, Rb- Rabbit, S- Sheep, Z- Zebrafish

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Product Data Sheet

lyophilized protein in 1X PBS. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

Storage/Stability

Lyophilized protein should be stored at -20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 2-8°C for 2-7 days.

Aliquots of reconstituted samples are stable at -20°C for 3 months.

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