

## Product datasheet for **AR50820PU-N**

### **TUBB3 / TUBB4 (1-450, His-tag) Human Protein**

#### Product data:

Product Type:	Recombinant Proteins
Description:	TUBB3 / TUBB4 (1-450, His-tag) human recombinant protein, 0.25 mg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	MGSSHHHHHH SSGLVPRGSH MGSMREIVHI QAGQCGNQIG AKFWEVISDE HGIDPSGNYV GDSDLQLERI SVYYNEASSH KYVPRAILVD LEPGTMDSVR SGAFGHLFRP DNIFGQSGA GNNWAKGHYT EGAELVDSVL DVVRKECENC DCLQGFQLTH SLGGGTGSGM GTLLISKVRE EYPDRIMNTF SVVPSPKVSD TWEPYNATL SIHQLVENTD ETYCIDNEAL YDICFRTLKL ATPYGDLNH LVSATMSGVT TSLRFPQQLN ADLRKLAVNM VPFPRLHFFM PGFAPLTARG SQQYRALTVP ELTQQMFDAK NMMAACDPRH GRYLTVATVF RGRMSMKEVD EQMLAIQSKN SSYFVEWIPN NVKVAVCDIP PRGLKMSSTF IGNSTAIQEL FKRISQFTA MFRRKAFLHW YTGEGMDEME FTEAESNMND LVSEYQQYQD ATAEEEGEMY EDDEEESEAQ GPK
Tag:	His-tag
Predicted MW:	52.8 kDa
Concentration:	lot specific
Purity:	>90% by SDS - PAGE
Buffer:	Presentation State: Purified State: Liquid purified protein Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 0.15M NaCl, 10% glycerol, 1 mM DTT
Preparation:	Liquid purified protein
Protein Description:	Recombinant human TUBB3 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.
Storage:	Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
RefSeq:	<u><a href="#">NP_001184110</a></u>
Locus ID:	10381


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UniProt ID:	<a href="#">Q13509</a>
Cytogenetics:	16q24.3
Synonyms:	beta-4; CDCBM; CDCBM1; CFEOM3; CFEOM3A; FEOM3; TUBB4
Summary:	This gene encodes a class III member of the beta tubulin protein family. Beta tubulins are one of two core protein families (alpha and beta tubulins) that heterodimerize and assemble to form microtubules. This protein is primarily expressed in neurons and may be involved in neurogenesis and axon guidance and maintenance. Mutations in this gene are the cause of congenital fibrosis of the extraocular muscles type 3. Alternate splicing results in multiple transcript variants. A pseudogene of this gene is found on chromosome 6. [provided by RefSeq, Oct 2010]
Protein Families:	Druggable Genome, ES Cell Differentiation/IPS
Protein Pathways:	Gap junction, Pathogenic Escherichia coli infection

### Product images:

