

## Product datasheet for **AR50405PU-S**

### CKAP1 / TBCB (1-244, His-tag) Human Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	CKAP1 / TBCB (1-244, His-tag) human recombinant protein, 0.1 mg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	MGSSHHHHHH SSGLVPRGSH MGSHEMTGV SAPTVTVFIS SSLNTRSEK RYSRSLTIAE FKCKLELLVG SPASCMELEL YGVDDKFYSK LDQEDALLGS YPVDDGCRH VIDHSGARLG EYEDVSRVEK YTISQEAYDQ RQDTVRSFLK RSKLGRYNEE ERAQQEAEAA QRLAEEKAQA SSIPVGSRCV VRAAGQSPRR GTVMYVGLTD FKPGYWIGVR YDEPLGKNDG SVNGKRYFEC QAKYGAFVKP AVTVGDFPE EDYGLDEI
Tag:	His-tag
Predicted MW:	29.9 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 0.1M NaCl, 20% glycerol
Preparation:	Liquid purified protein
Protein Description:	Recombinant human TBCB 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:	<a href="#">NP_001272</a>
Locus ID:	1155
UniProt ID:	<a href="#">Q99426</a>
Cytogenetics:	19q13.12
Synonyms:	CG22; CKAP1; CKAPI



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**Summary:**

Binds to alpha-tubulin folding intermediates after their interaction with cytosolic chaperonin in the pathway leading from newly synthesized tubulin to properly folded heterodimer (PubMed:9265649). Involved in regulation of tubulin heterodimer dissociation. May function as a negative regulator of axonal growth (By similarity).[UniProtKB/Swiss-Prot Function]

**Product images:**