

Tubulin alpha-4A chain (Tuba4a) Recombinant Protein | Tuba4a recombinant protein

Recombinant Mouse Tubulin alpha-4A chain (Tuba4a)

CATALOG # AAA113588	HOST E Coli or Yeast or Baculovirus or Mammalian Cell
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PRODUCT SYNONYMS

Tubulin alpha-4A chain (Tuba4a); Recombinant Mouse Tubulin alpha-4A chain (Tuba4a); Tuba4a recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE.
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Sequence Positions	1-448aa; Full Length
Sequence	MRECISVHVG QAGVQMGNAC WELYCLEHGI QPDGQMPSDK TIGGGDDSF TFFCETGAGK HVPRAVFDL EPTVIDEIRN GPYRQLFHE QLITGKEDAA NNYARGHYTI GKEIDPVLD RIRKLSQCT GLQGFLVFHS FGGGTSGSFT SLLMERLSVD YGKKSLEFS IYPAPQVSTA VVEPYSILT THTTLEHSDC AFMVDNEAIY DICRRNL DIE RPTYTNLNL ISQIVSSITA SLRFDGALNV DLTEFQTNLV PYPRIHFPLA TYAPVISA EK AYHEQLSVAE ITNACFEPAN QMVKCDPRHG KYMACCLLYR GDVVPKDVNA AIAAIKTKRS IQFVDWCPTG FKVGINYQPP TVVPGGDLAK VQRAVCMLSN TTAIAEAWAR LDHKFDL MYA KRA FVHWYVG EGMEEGEFSE AREDMAALEK DYEEVGIDSY EDEDEGEE
Species	Mouse
Preparation and Storage	Store at -20 degrees C. For long-term storage, store at -20 degrees C or -80 degrees C. Store working aliquots at 4 degrees C for up to one week. Repeated freezing and thawing is not recommended.

ADDITIONAL INFORMATION

Related Product Information for Tuba4a recombinant protein	Microtubules of the eukaryotic cytoskeleton perform essential and diverse functions and are composed of a heterodimer of alpha and beta tubulin. The genes encoding these microtubule constituents are part of the tubulin superfamily, which is composed of six distinct families. Genes from the alpha, beta and gamma tubulin families are found in all eukaryotes. The alpha and beta tubulins represent the major components of microtubules, while gamma tubulin plays a critical role in the nucleation of microtubule assembly. There are multiple alpha and beta tubulin genes and they are highly conserved among and between species. This gene encodes an alpha tubulin that is a highly conserved homolog of a rat testis-specific alpha tubulin.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	6678467
NCBI GeneID	22145
NCBI Accession #	NP_033473.1
NCBI GenBank Nucleotide #	NM_009447.4
UniProt Accession #	P68368 ; P05215 ; Q3TY31
Molecular Weight	49,924 Da
NCBI Official Full Name	tubulin alpha-4A chain isoform 1

NCBI Official Synonym Full Names	tubulin, alpha 4A
NCBI Official Symbol	Tuba4a
NCBI Official Synonym Symbols	M[a]4; Tuba4
NCBI Protein Information	tubulin alpha-4A chain
UniProt Protein Name	Tubulin alpha-4A chain
UniProt Gene Name	Tuba4a
UniProt Synonym Gene Names	Tuba4

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://stage.aaabiotech.com/tuba4a-recombinant-protein-e-coli-or-yeast-or-baculovirus-or-mammalian-cell/113588>