

TUBA4A 抗原（重组蛋白）

中文名称：TUBA4A 抗原（重组蛋白）

英文名称： TUBA4A Antigen (Recombinant Protein)

别名： tubulin alpha 4a; ALS22; TUBA1; H2-ALPHA

储存： 冷冻（-20℃）

相关类别： 抗原

概述

Fusion protein corresponding to a region derived from 126-447 amino acids of human TUBA4A

技术规格

Full name:	tubulin alpha 4a
Synonyms:	ALS22; TUBA1; H2-ALPHA
Swissprot:	P68366
Gene Accession:	BC009238
Purity:	>85%, as determined by Coomassie blue stained SDS-PAGE
Expression system:	Escherichia coli
Tags:	His tag C-Terminus, GST tag N-Terminus
Background:	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 i

n 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. Alternatively spliced transcript variants encoding different isoforms have been found for this gene.