

Recombinant Human TUBA4A

Catalog No: #GP10018

Package Size: #GP10018-1 100ug

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Description

Product Name	Recombinant Human TUBA4A
Brief Description	Recombinant Protein
Immunogen Description	Fusion protein corresponding to a region derived from 126-447 amino acids of human TUBA4A
Target Name	tubulin alpha 4a
Other Names	ALS22; TUBA1; H2-ALPHA
Accession No.	Swissprot:P68366Gene Accession:BC009238
Uniprot	P68366
GeneID	7277;
Storage	-20~-80°C, pH 7.6 PBS

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

References

Note: For in vitro research use only, not for diagnostic or therapeutic use. This product is not a medical device.

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